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拟南芥花药表达基因调控关系的预测

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摘要 模式植物拟南芥花药的发育由复杂的基因网络所调控. 至今为止, 研究人员对这一调控网络的了解非常有限. 本研究利用一种整合基因芯片数据与启动子序列分析的生物信息学方法来预测拟南芥花药表达基因之间的调控关系. 基于这种方法, 一共预测到了 7710 对具有调控关系的基因对, 其中 80 对为高可信度的调控关系. 在这 80 对基因中, 有 3 对调控关系已被之前的实验验证, 表明本研究预测的结果有一定的可靠性. 我们所预测的基因调控关系有助于拟南芥花药发育分子机理的深入研究, 提出的生物信息学研究方法也可用于其他基因调控关系的预测.

关键词
拟南芥
花药发育
基因调控网络
生物信息学
基元

植物发育过程由一系列复杂的基因调控网络所控制, 基因调控网络及特定基因与其他基因的调控关系对于发育分子机理深入研究具有重要的意义. 基因调控网络可以以实验为基础进行构建, 也可以利用生物信息学的方法进行研究. 在实验方面, 由于芯片包含的信息量大, 并且能够反映生物体内的实际情况, 因此, 以芯片为基础的ChIP-chip是当前用得最广泛的鉴定基因调控关系的方法[1]. 该方法的使用要求所研究的物种全基因组序列得到测定, 并且需要有全基因组基因芯片. 针对每一个调控基因(转录因子), 需要有高质量的抗体. 因此, 该方法在实际应用过程中受到很多限制.

当前, 各种组学的发展产生大量的基因表达数据和其他高通量的实验数据. 利用这些数据来研究基因调控关系的生物信息学方法是构建基因调控网络的一种重要方法. 从表达谱数据出发, 可以利用数学模型来建立基因调控关系, 这种方法也称反向工程(reverse engineering)[2]. 最常用的基因调控网络模型是Boolean网络[3]和贝叶斯网络[4]. Tamada等人[5]已经利用贝叶斯网络算法构建出酵母基因的调控网络. 基因调控网络也可以通过预测转录因子结合位点的方法进行构建. 由于转录因子能够结合特定的DNA序列, 从而调控下游基因的表达, 因此对转录因子结合位点的预测有助于分析转录因子与其他基因之间的调控关系, 用以构建基因的调控网络. 根据识别策略和搜索对象的不同, 已有的预测方法可大致分成两类: 基于保守基元(motif)的方法和基于比较基因组学的方法[6]. 前者主要在同一物种基因组的协同调控基因的调控区域内通过寻找保守基元来预测可能的结合位点. 后者则利用比较基因组学方法, 例如系统发生足迹法, 通过比对多个相关物种基因组的对应区域来发现具有公共保守特性的基元.

目前, 酵母、人、果蝇等几种模式生物的基因调控网络已被构建出来[7,8]. Lee等人[7]利用一种整合ChIP-on-chip与基因表达数据的方法, 构建了一个酵母细胞周期的转录调控网络. 对调控网络的结构分析表明, 真核生物的细胞功能与网络中的高连接度的调节基因有着密切的关系. Odom等人[8]为人类肝细胞的 6 个主要的调节基因构建了转录调控网络, 他们进一步发现, 这 6 个主要的调节基因会联合结合其靶基因的启动子区域.

然而, 由于缺少足够的基因表达数据与高通量

实验数据，鲜有大规模的拟南芥的转录调控网络被构建出来. 目前只报道过一些小规模的、基于少数特定调控基因的调控网络. Espinosa等人[9]利用一种离散网络模型(discrete network model)将早先植物中已知的ABC模型转换成了一个动态模型. To等人[10]利用整合实验与基因表达数据的方法构建了一个与拟南芥种子成熟有关的基因调控网络.

花药的发育是植物有性生殖的重要环节. 本研究利用一种整合基因表达数据与启动子区域转录因子结合位点预测的生物信息学方法来构建一个拟南芥花药发育有关的基因调控网络. 通过基因共表达分析和启动子区域的 TFBS (transcription factor binding site)预测，得出了一些高可信度的花药表达基因的调控关系，并将这些调控关系构建成了一个拟南芥花药发育的调控网络.

1 材料与方法

(ⅰ) 基因芯片数据. (1) AtGenExpress是一个国际合作项目，主要利用基因芯片研究拟南芥的转录[11]，其芯片数据发布在网上(http://www.arabidopsis.org/info/expression/ATGenExpress.jsp). (2) ATTED-Ⅱ数据库[12]收集了大部分的拟南芥现有基因芯片数据，并对这些基因芯片数据进行整合分析，得出了拟南芥基因间的共表达相关数据.

(ⅱ) GO和MapMan数据库. GO数据库[13]构建了3个相对独立的本体论(ontology). 其中，生物过程(biological process)、分子功能(molecular function)和细胞成分(cell component)是基因和基因产物的所有属性. GO数据库的目标是从生物语义上实现各数据库的最大整合. 因此该数据库被广泛地用于基因功能的注释，本研究用GO数据库对预测出来的转录因子与其靶基因的转录调控关系进行可靠性筛选.

MapMan[14]是PPDB (Plant Proteome Database)数据库(http://ppdb.tc.cornell.edu/)所提供的一种工具，它可以按照蛋白质在生物体代谢途径和生物过程中的功能对基因进行分类. 其原理与GO很相似，都是利用层次分类方式对基因产物进行功能分类，由于MapMan工具对拟南芥和玉米蛋白的分类效果较好，因此我们用它对本文预测 80 个基因对所编码蛋白质进行功能分类与注释，并进一步探讨由 80 个基因对所构成网络反映的生物学意义.

(ⅲ) 花药表达基因的鉴定. 为了预测拟南芥花药发育过程中表达的转录因子与其靶基因之间的关系，我们根据基因芯片数据确定花药表达基因. 从AtGenExpress网站下载了编号为ATGE_36 和ATGE_43 的基因芯片数据，从中挑选出在 6 张芯片中都认为有一定表达值的基因，即该基因在这些芯片的Detection值为*P* (Present)，再加上文献[15~17]中报道的拟南芥花药表达基因，经过计算共有14020个基因.

(ⅳ) 共表达基因的挑选. 通常，被同一转录因子调控的一组基因都存在共表达的情况[18]. 基于这一原理，利用ATTED-Ⅱ数据库提供的数据，将14020个基因按照共表达情况进行分组. 首先，从ATTED-Ⅱ数据库中下载了拟南芥全基因组的共表达数据，这些数据包含了20906个文件，每一个文件对应一个拟南芥的基因，并以该基因的AGI号命名. 同时，每一个文件都有22572行，其中第一行为该文件所代表的基因，其余各行分别代表基因组其他基因，在每一个基因的后面都有一个范围从–1.0~1.0 的相关系数来表示该基因与第一行基因之间的共表达关系，基因之间共表达系数越高，它们共表达的可能性就越大，但满足这一条件的基因数量就越少. 兼顾数量与共表达可靠性两方面要求，设定共表达系数阈值为0.6. 然后，对于上一步筛选到的每一个花药表达基因，编写perl语言脚本对这 20906 个文件进行筛选，筛选的条件是与这个基因的共表达系数大于0.6的所有花药发育基因，将这些基因分为一组用MEME[19]软件预测这组共表达基因中的基元. MEME软件对待预测的共表达基因有数量上的要求，如果MEME输入的一组共表达基因数量较少，预测结果可靠性降低. 为了得到可靠的基元预测结果，设定作为MEME输入的每组共表达基因数量必须大于等于 10. 最后，通过分组得到了 405 组共计 2352 个基因，每一组基因都被认为是在花药发育过程中有共表达的情况.

(ⅴ) 启动子区域的基元预测. 真核生物转录因子识别的基元一般分布在基因上游–1~–500 的区域[20]. 因此采用基因上游 500 bp的启动子序列作为MEME的输入数据. MEME算法是一种常用的基元预测工具，它可以从一组共表达基因的启动子序列中预测出一个或多个基元. 上述方法得到了405组共表达基因，从TAIR数据库中下载这些基因启动子 500 bp的序列做为MEME的输入. 在MEME工具的参数设定方面，使用了该工具的ZOOPS模式，即MEME算

法假设输入的每一条启动子序列上允许有零个或一个基元存在，其余参数皆为工具默认. 最后通过计算，挑出得分最高的 3 个结果.

(vi) 调控关系的预测. 预测出启动子上基元信息后，利用STAMP[21]工具将这些信息转换成转录因子信息. STAMP将基元序列与数据库中已知转录因子结合位点序列比对，从而确定一个基因及其启动子上结合的转录因子. 具体步骤如下:

(1) 使用Perl程序批量地向STAMP服务器提交预测出来的基元序列，STAMP服务器根据其转录因子识别序列数据库将基元信息转换成转录因子信息. STAMP服务器收集了TRANSFAC[22]，AthaMap[23]和AGRIS[24]这 3 个数据库存储的转录因子识别序列信息，其中TRANSFAC数据库包含了各个物种的识别数据，AthaMap包含了几种植物中的转录因子识别序列数据，而AGRIS数据库则只包含拟南芥已知的转录因子识别序列数据.

(2) 从 STAMP 工具获得的转录因子信息中挑选出可能性最高的 3 个数据，作为启动子上可能结合的转录因子. 如果预测的转录因子为其他物种，则根据同源性分析转换为拟南芥的转录因子. 一个基因及其启动子上可能结合的转录因子构成具有调控关系的基因对.

(vii) 预测结果的筛选. 通过预测共得到 7710 对转录因子与其靶基因的转录调控关系. 为了提高结果的可靠性，利用 ATTED-II 数据库和 GO 数据库对初步结果进行筛选，筛选的方法如下:

(1) 基于 ATTED-II 数据库提供的共表达系数，高可信度转录调控关系对中的两个基因之间的共表达系数必需大于等于 0.6.

(2) 通过对 GO 数据库的搜索，高可信转录调控关系对中的两个基因至少有一个是和花发育有关的基因.

只有以上两个条件都满足的转录调控关系对才被视为高可信度的花药发育调控基因对.

2 结果

2.1 花药表达基因调控关系数据库构建

我们从 AtGenExpress 基因芯片数据及先前的实验数据初步鉴定出 14020 个花药表达基因. 利用 ATTED-II 拟南芥基因共表达数据库筛选出有共表达情况的基因，并根据其共表达情况将这些基因分成了 405 组，共计 2352 个基因. 然后，使用基元预测软件 MEME 对每一组基因启动子序列进行预测，找到这些基因启动子区域上的基元. 这些基元可能是转录因子的识别位点. 为了确定识别这些基元的转录因子，使用 STAMP 工具将基元信息转换成转录因子信息，从而确定一个基因启动子上可能结合的转录因子. 具体流程见图 1. 经过以上分析，共预测到 7710 对模式植物拟南芥花药表达转录因子与其靶基因的调控关系(网络版附录 1). 这些调控关系共包含了 2319 个基因，查询 AGRIS 数据库后，我们发现其中有 480 个编码转录因子的基因.

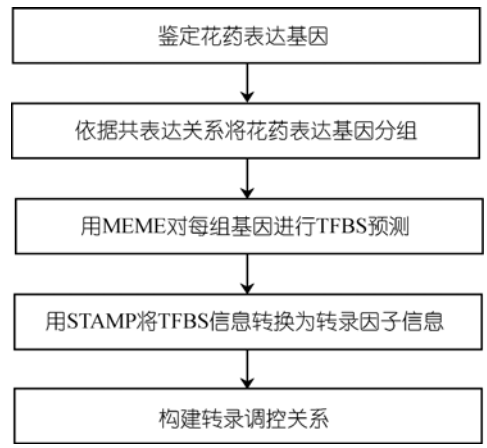

图 1 基因调控关系预测流程图

2.2 高可信度的基因调控关系

为了进一步提高结果的准确性，我们再次使用 ATTED-II 数据库中的基因共表达数据对以上的结果进行筛选，根据材料与方法(vii)中的筛选条件，得到了 80 对高可信度的转录调控关系(网络版附录 2). 80 对预测出来的调控关系一共包含了 84 个基因，通过检索转录因子数据库 AGRIS 后，发现在 84 个基因中有 34 个编码转录因子的基因，通过对 MapMan 数据库的检索，有 22 个功能未知基因. 同时，利用 pajek 网络分析软件 (http://vlado.fmf.uni-lj.si/pub/networks/pajek/) 将这 80 对转录调控关系绘制成了可视化的图形(图 2).

2.3 被实验证实的转录调控关系

我们从AGRIS数据库收集到了 348 对实验验证的转录调控关系，并将这些转录调控关系与我们预测的结果进行比较. 结果表明，在预测的 80 对高可

信度调控基因对中，有 3 对调控关系被之前的实验所验证. 这 3 对调控关系是: AGAMOUS (AG)自调控, AG 调控 APETALA3 (AP3), AG 调控 CRABSCLAW (CRC)[25]. AG, AP3, CRC这 3 个基因在之前的相关研究中已被证明对花的发育有重要的作用，其中CRC也被证明在拟南芥心皮与蜜腺的发育过程扮演关键角色[26]. 这些结果表明，我们所预测的基因调控关系有一定的准确性. 因此，本研究所预测的花药表达基因调控关系将为花药发育分子机理的深入研究提供有用的线索.

3 讨论

3.1 花药表达基因

由于目前拟南芥花药芯片数量的不足，本研究仅使用了 6 张花药发育的基因芯片数据来确定拟南芥花药表达基因. 因此根据这些芯片得到的 14020 个基因并不能够完全准确地反映花药表达的基因，部分基因可能并非花药表达. 但是这些基因信息在本项工作中只是作为我们数据挖掘的原始数据. 经过基因共表达分析并筛选后，去除了非花药表达基因的假阳性结果，获得的 405 组 2352 个基因才是花药表达基因. 以此为基础我们预测得到了 7710 对花药基因调控关系，其中 80 对为高可靠性的调控基因对. 预测到的 7710 基因对共包含 2319 个基因，对 AGRIS 数据库分析表明这些基因中有 67 对为实验所验证. 本文我们预测到其中 9 对调控关系，在 80 对高可靠性的调控关系中亦包含 3 对已知的调控关系. 上述情况说明，我们的预测结果有一定的可靠性，为拟南芥花药发育的分子机理研究提供有用的参考信息. 在我们所预测出的 7710 对基因调控关系中，有部分为功能未知基因. 根据调控关系中的已知基因功能，可以预测未知基因的功能. 因此我们所构建的基因调控网络也为花药中未知功能基因的研究提供了参考信息.

3.2 80 个基因对的生物学意义

MapMan 根据代谢途径和生物学功能对拟南芥蛋白进行分类. 在第一层次，MapMan 将拟南芥基因产物分为 35 类，其中第 27 类包含绝大部分的转录因子，第 35 类为功能未知蛋白. 根据调控基因(转录因子)与被调控基因的关系，我们将高可信度的 80 个基因对分为 18 组(网络版附录 3)，其中 6 组调控基因(转录因子)与被调控基因都处于 27.3 这一层，而在 MapMan 的分层说明里，27.3 这一层的蛋白基本是转录因子. 根据以前的研究结果，这种转录因子调控转录因子表达的现象在拟南芥花发育的过程中往往有

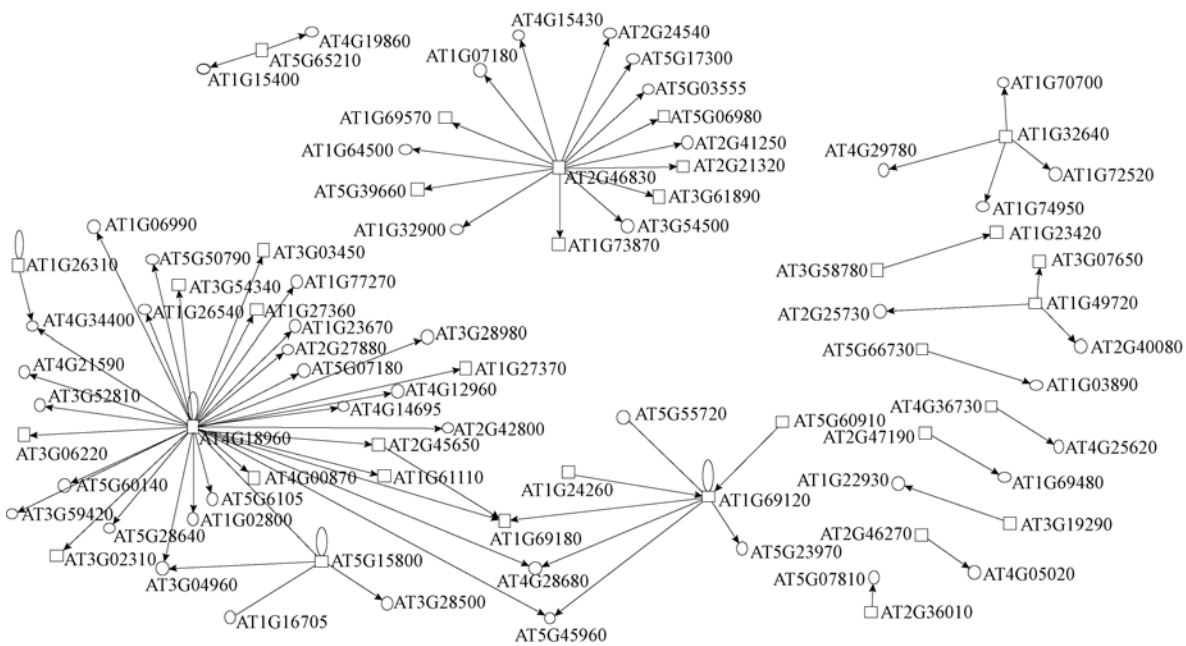

图 2　花药表达基因调控网络

方形节点表示转录因子，圆形节点表示基因，黑色箭头表示转录因子与基因之间的调控关系，椭圆环表示自调控

重要的生物学意义[25,27].

转录因子既可以调控其他转录因子，也可以调控非转录因子. 在 80 个基因对中，AG 调控的基因最多，共有 33 个基因，其中有 13 个编码转录因子的基因，这 13 个基因的分类号与 AG 的分类号相似，都处于 27.3. 此外，AG 也可能调控 20 个编码非转录因子的基因. 其中有 3 个属于第一层的 30 类. 该类蛋白与信号传导相关，由此推测 AG 基因具有调控信号传导的功能. AG 调控的 20 个非转录因子基因中，有 10 个基因编码的蛋白处于第一层的 35 类，这一层的蛋白都是功能未知. 由于这些未知基因都受 AG 调控，这些未知基因中可能部分基因也具有信号传导功能.

3.3 生物信息学方法的优缺点

相对实验方法，本研究所采用的生物信息方法有着快速、高通量的优势，可以建立一个大规模的基因调控网络. 与生物信息学中的反向工程的方法相比，避免了收集大量的基因表达数据的困难. 但是我们所使用的方法亦存在着许多不足之处：首先，由于训练数据的缺乏，目前启动子上基元的预测算法的准确率还不够高，假阳性结果较多；其次，由于缺乏足够的拟南芥转录调控实验数据，难以对生物信息学的预测结果进行全面的评估. 尽管如此，本研究方法仍然能预测到 67 对已知调控关系中的 9 对，表示该方法有一定的准确性，该方法可以为拟南芥其他生物学过程分子机理研究提供一种新的研究方法.

参考文献

1 Banerjee N, Zhang M Q. Functional genomics as applied to mapping transcription regulatory networks. Curr Opin Microbiol, 2002, 5(3): 313—317 [doi]

2 Hartemink A J. Reverse engineering gene regulatory networks. Nat Biotechnol, 2005, 23(5): 554—555 [doi]

3 Somogyi R, Sniegoski C. Modeling the complexity of genetic networks: understanding multigenetic and pleiotropic regulation. Complexity, 1996, 1: 45—63

4 Zou M, Conzen S D. A new dynamic Bayesian network (DBN) approach for identifying gene regulatory networks from time course microarray data. Bioinformatics, 2005, 21(1): 71—79 [doi]

5 Tamada Y, Kim S, Bannai H, et al. Estimating gene networks from gene expression data by combining Bayesian network model with promoter element detection. Bioinformatics, 2003, 19(i2): ii227—ii236 [doi]

6 Blais A, Dynlacht B D Constructing transcriptional regulatory networks. Genes Dev, 2005, 19: 1499—1511[doi]

7 Lee T I, Rinaldi N J, Robert F, et al. Transcriptional regulatory networks in Saccharomyces cerevisiae. Science, 2002, 298(5594): 799—804 [doi]

8 Odom D T, Dowell R D, Jacobsen E S, et al. Core transcriptional regulatory circuitry in human hepatocytes. Mol Syst Biol, 2006, 2: 2006.0017 [doi]

9 Espinosa-Soto C, Padilla-Longoria P, Alvarez-Buylla E R. A gene regulatory network model for cell-fate determination during *Arabidopsis thaliana* flower development that is robust and recovers experimental gene expression profiles. Plant Cell, 2004, 16(11): 2923—2939 [doi]

10 To A, Valon C, Savino G, et al. A network of local and redundant gene regulation governs Arabidopsis seed maturation. Plant Cell, 2006, 18(7): 1642—1651[doi]

11 Schmid M, Davison T S, Henz S R, et al. A gene expression map of *Arabidopsis thaliana* development. Nat Genet, 2005, 37(5): 501—506 [doi]

12 Obayashi T, Kinoshita K, Nakai K, et al. ATTED-Ⅱ: A database of co-expressed genes and cis elements for identifying co-regulated gene groups in *Arabidopsis*. Nucleic Acids Res, 2007, 35(Database issue): D863—D869[doi]

13 The Gene Ontology Consortium. Gene Ontology: Tool for the unification of biology. Nature Genet, 2000, 25: 25—29

14 Friso G, Ytterberg A J, Giacomelli L, et al. In-depth analysis of the thylakoid membrane proteome of *Arabidopsis thaliana* chloroplasts; new proteins, functions and a plastid proteome database. Plant Cell, 2004, 16: 478—499[doi]

15 Honys D, Twell D. Comparative analysis of the *Arabidopsis* pollen transcriptome. Plant Physiol, 2003, 132(2): 640—652[doi]

16 Wellmer F, Riechmann J L, Alves-Ferreira M, et al. Genome-wide analysis of spatial gene expression in *Arabidopsis* flowers. Plant Cell, 2004, 16(5): 1314—1326[doi]

17 Honys D, Twell D. Transcriptome analysis of haploid male gametophyte development in *Arabidopsis*. Genome Biol 2004, 5(11): R85 [doi]

18 Janaki C, Joshi R R. Motif detection in *Arabidopsis*: Correlation with gene expression data. In Silico Biol, 2004, 4(2): 149—146

19 Bailey T L, Elkan C. The value of prior knowledge in discovering motifs with MEME. Proc Int Conf Intell Syst Mol Biol, 1995, 3: 21—29
20 Caselle M, Di Cunto F, Provero P. Correlating overrepresented upstream motifs to gene expression: A computational approach to regulatory element discovery in eukaryotes. BMC Bioinformatics 2002, 3: 7[doi]
21 Mahony S, Benos P V. STAMP: A web tool for exploring DNA-binding motif similarities. Nucleic Acids Res 2007, 35(Web Server issue): W253—W258[doi]
22 Matys V, Fricke E, Geffers R, et al. TRANSFAC: Transcriptional regulation, from patterns to profiles. Nucleic Acids Res, 2003, 31: 374—378[doi]
23 Steffens N O, Galuschka C, Schindler M, et al. 2004. AthaMap: an online resource for in silico transcription factor binding sites in the *Arabidopsis thaliana* genome. Nucleic Acids Res, 32: D368—372
24 Palaniswamy S K, James S, Sun H, et al. A platform to link cis-regulatory elements and transcription factors into regulatory networks. Plant Physiol, 2006, 140(3): 818—829[doi]
25 Gomez-Mena C, de Folter S, Costa M M, et al. Transcriptional program controlled by the floral homeotic gene AGAMOUS during early organogenesis. Development, 2005, 132(3): 429—438[doi]
26 Bowman J L, Smyth D R. CRABS CLAW, a gene that regulates carpel and nectary development in Arabidopsis, encodes a novel protein with zinc finger and helix-loop-helix domains. Development, 1999, 126(11): 2387—2396
27 De Folter S, Immink R G, Kieffer M, et al. Comprehensive interaction map of the *Arabidopsis* MADS Box transcription factors. Plant Cell, 2005, 17(2): 1424—1433[doi]

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论文：报道化学各领域具重要意义的创新性科研成果．
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Supplement 1 Predicted 7710 direct regulatory relationships of *Arabidopsis* anther genes

Transcription factor	Target Gene	*P*-Value	Transcription factor	Target Gene	*P*-Value	Transcription factor	Target Gene	*P*-Value
At4g18960	At5g39890	1.46E-06	At5g60850	At2g37630	9.36E-06	At2g46830	At2g02140	1.76E-06
At4g25470	At3g59845	7.46E-07	At1g03840	At5g57390	6.07E-09	At3g23240	At1g46768	8.72E-07
At1g24260	At3g07090	6.27E-09	At4g18960	At5g59980	5.35E-07	At2g46830	At3g48850	7.49E-07
At4g36730	At4g27657	3.72E-08	At1g49720	At1g65690	1.82E-06	At2g47190	At5g67300	8.07E-07
At5g35550	At3g02310	2.91E-06	At2g46830	At1g68610	1.70E-07	At2g46830	At4g28680	1.97E-06
At2g36010	At2g36200	4.35E-06	At2g32460	At5g48250	2.70E-08	At4g18960	At2g25210	2.18E-06
At4g18960	At2g46360	1.39E-07	At3g01470	At3g04360	2.51E-06	At4g18960	At5g49420	1.72E-06
At1g69120	At1g50560	1.69E-06	At1g07640	At1g28380	1.10E-06	At4g38620	At5g22250	9.58E-06
At3g55370	At4g11170	3.03E-08	At1g45249	At5g42900	5.34E-08	At4g18960	At3g10470	2.82E-06
At4g18960	At5g66210	4.97E-08	At1g32640	At3g28810	4.81E-06	At3g23240	At4g11660	9.54E-06
At1g49720	At2g46790	1.19E-09	At4g18960	At1g15360	3.46E-06	At2g46830	At4g02280	3.75E-06
At4g18960	At3g63310	8.42E-06	At5g10030	At1g25510	8.30E-07	At3g61120	At5g61620	1.61E-08
At2g46830	At1g17200	7.60E-07	At2g46830	At3g16140	5.79E-08	At1g22640	At5g50360	2.34E-06
At2g46830	At1g28370	4.50E-07	At4g18960	At5g60100	2.67E-07	At2g46830	At3g50960	8.90E-06
At1g07640	At5g63130	8.13E-06	At2g14210	At5g26150	1.61E-08	At5g35550	At5g04140	4.89E-09
At4g18960	At5g26150	6.59E-06	At2g46830	At1g21880	3.89E-06	At5g02030	At5g22880	9.14E-07
At1g07640	At5g05110	4.55E-08	At2g46830	At2g22960	1.42E-06	At3g55370	At3g28715	2.70E-07
At2g46830	At3g46620	4.16E-06	At5g13790	At2g36770	2.15E-08	At2g46830	At3g51120	1.92E-07
At5g13790	At5g58400	6.87E-08	At2g03710	At3g01530	9.88E-07	At5g60850	At2g34440	1.33E-06
At2g46830	At3g19650	8.70E-08	At2g46830	At1g10980	1.14E-06	At4g18960	At5g06360	9.00E-07
At3g55370	At1g74310	8.90E-08	At3g58780	At1g23420	6.87E-08	At3g50410	At5g10660	1.33E-06
At4g34590	At5g05410	6.80E-06	At2g46830	At1g74590	1.51E-06	At2g46830	At5g03740	8.78E-07
At5g35550	At3g28500	2.91E-06	At2g03710	At2g15400	3.53E-06	At4g18960	At3g08680	1.99E-06
At3g55370	At1g29690	1.10E-06	At3g24310	At5g42900	2.70E-08	At3g02310	At1g74310	6.27E-09
At2g46830	At1g22335	1.37E-07	At2g46830	At1g52740	6.85E-06	At2g22430	At2g45570	2.50E-06
At2g46830	At1g15260	7.78E-06	At2g46830	At5g20240	9.85E-09	At3g55370	At1g71120	2.91E-07
At2g46830	At5g43940	1.31E-07	At3g20770	At2g41250	5.14E-07	At2g46830	At1g76310	5.65E-07
At2g46830	At2g37870	4.53E-06	At4g18960	At3g58710	6.01E-06	At4g18960	At2g23580	1.09E-09
At2g46830	At5g38160	5.57E-08	At1g08810	At5g61380	2.70E-08	At1g69120	At4g12400	6.27E-09
At4g18960	At3g61110	2.18E-06	At1g69120	At3g59660	3.46E-06	At2g46830	At1g63060	2.42E-06
At2g46830	At4g23190	1.47E-07	At4g18960	At1g13140	5.29E-07	At3g61120	At3g12580	6.27E-09
At4g18960	At5g13020	3.23E-08	At2g46830	At3g26110	1.76E-06	At5g35550	At1g17950	1.77E-06
At1g45249	At5g06980	1.19E-09	At3g55370	At4g00870	4.26E-08	At2g03710	At1g74360	2.11E-07
At2g46830	At1g66080	2.88E-06	At2g46830	At5g04390	3.36E-06	At3g09230	At1g70290	5.79E-07
At2g46830	At2g42800	2.82E-07	At2g46830	At4g21750	7.60E-07	At4g18960	At5g04540	2.10E-08
At2g46830	At5g20760	4.94E-06	At5g15800	At1g11040	1.61E-08	At5g10030	At4g38660	6.56E-06
At1g07640	At1g26670	2.70E-07	At2g46830	At2g31880	1.68E-06	At4g18960	At3g14380	8.72E-06
At2g46830	At4g24380	9.27E-06	At5g15310	At4g16146	2.70E-08	At4g18960	At3g55020	1.87E-06
At3g50410	At3g05200	1.10E-06	At3g02940	At5g48250	2.70E-08	At2g47190	At3g46620	3.40E-06
At4g18960	At4g13235	3.04E-06	At2g47190	At5g20240	1.35E-06	At5g10030	At5g42780	8.30E-07
At1g69120	At1g07350	6.27E-09	At1g69120	At1g12570	4.51E-07	At2g46830	At2g24810	4.79E-07
At5g06960	At2g01590	5.78E-06	At2g46830	At3g10490	3.75E-08	At4g34590	At5g48360	3.95E-06
At4g18960	At1g56060	2.13E-06	At3g50410	At1g80840	7.91E-06	At4g18960	At1g28330	4.10E-06
At2g46830	At5g53370	2.48E-06	At1g07640	At2g34620	3.35E-07	At4g18960	At3g22650	4.01E-09
At4g18960	At1g12860	8.30E-06	At2g46830	At4g18060	3.20E-07	At1g49720	At4g15430	3.52E-07
At5g35550	At5g26150	8.97E-06	At1g49720	At1g31480	2.56E-09	At2g46830	At3g29575	1.15E-06
At2g46830	At1g67290	2.04E-06	At3g20770	At2g46830	5.14E-07	At3g01140	At1g17665	2.70E-08
At5g15800	At4g18960	3.42E-08	At4g18960	At3g10580	8.15E-09	At4g18960	At3g28790	8.65E-07
At2g46270	At1g07180	8.66E-08	At4g18960	At5g53370	5.74E-06	At3g55370	At2g34440	1.33E-06
At2g46830	At4g37650	2.12E-08	At2g46270	At1g27730	3.72E-08	At4g01120	At5g57660	5.83E-09
At5g35550	At5g22810	6.78E-07	At5g60850	At5g05110	4.55E-08	At4g18960	At3g55770	3.32E-06
At3g02310	At4g01330	1.16E-08	At4g18960	At1g68840	8.79E-07	At1g49720	At3g50060	4.54E-07

Transcription factor	Target Gene	*P*-Value	Transcription factor	Target Gene	*P*-Value	Transcription factor	Target Gene	*P*-Value
At2g46830	At1g14280	7.21E-06	At4g18960	At3g01290	5.74E-06	At1g07640	At1g59860	8.90E-08
At3g50410	At2g37630	9.36E-06	At4g18960	At5g24490	4.10E-06	At4g18960	At2g36770	2.15E-08
At4g18960	At4g31120	1.54E-06	At3g58780	At2g47990	8.51E-08	At3g58780	At2g38470	4.45E-06
At3g61120	At1g66150	1.16E-08	At3g61250	At4g16146	2.70E-08	At4g34990	At5g42900	2.70E-08
At4g18960	At1g19380	6.48E-06	At2g46830	At1g22380	6.89E-07	At1g69120	At1g11040	1.61E-08
At5g10280	At1g17665	2.70E-08	At2g46830	At1g20150	2.30E-06	At2g46830	At2g29960	2.81E-07
At2g27050	At1g23600	3.06E-09	At2g45650	At3g58120	1.16E-08	At1g69120	At5g49570	3.46E-06
At4g18960	At4g26370	1.95E-06	At3g23240	At5g10695	9.54E-06	At2g46830	At2g41250	1.42E-06
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At2g46830	At3g28730	8.70E-08	At3g50410	At5g51750	9.36E-06	At2g46830	At1g77450	1.15E-06
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At4g18960	At5g13330	2.15E-08	At2g03710	At4g39100	9.15E-06	At2g03710	At4g24570	8.13E-06
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At5g65210	At5g04340	1.15E-09	At4g18960	At3g28980	1.55E-07	At2g36010	At5g58680	5.83E-07
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At1g07640	At3g02310	1.82E-07	At2g46830	At5g47230	1.57E-07	At4g18960	At4g18395	1.87E-06
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At1g75390	At5g67200	3.95E-06	At4g18960	At2g30020	3.14E-06	At2g46830	At4g38230	2.36E-06
At2g46830	At3g19970	1.38E-06	At2g02070	At3g01570	6.07E-09	At2g18160	At3g50220	3.06E-06
At2g46830	At3g45640	8.58E-06	At2g46830	At1g06420	2.82E-07	At2g46830	At1g75670	1.77E-08
At3g58780	At1g61730	8.51E-08	At2g46830	At2g37090	2.34E-06	At2g46830	At1g18570	7.14E-07

Transcription factor	Target Gene	*P*-Value
At2g46830	At3g16720	1.81E-07
At2g46830	At3g19580	2.10E-06
At4g18960	At3g16870	3.90E-06
At2g46830	At1g42980	5.45E-09
At5g60850	At5g05340	3.03E-08
At2g46830	At5g22650	4.14E-06
At1g49720	At2g40080	5.34E-08
At1g69120	At2g14100	1.69E-06
At5g60850	At1g16130	1.10E-06
At3g19290	At5g48250	2.40E-08
At2g46830	At3g56880	2.52E-08
At2g46830	At5g62840	3.92E-06
At4g18960	At1g14120	6.67E-06
At2g18160	At5g63790	6.80E-06
At2g46830	At1g22930	5.41E-07
At2g46830	At1g19370	6.65E-06
At2g46830	At3g01660	7.22E-07
At2g03710	At4g17490	8.13E-06
At3g50700	At1g28360	6.07E-09
At5g65210	At4g11660	2.53E-06
At2g46830	At2g21820	1.38E-06
At2g46830	At4g33920	3.10E-06
At2g46830	At4g38550	5.40E-08
At5g65210	At3g06490	3.19E-06
At4g18960	At3g03430	8.65E-07
At5g60850	At1g23040	4.55E-08
At2g46830	At3g57530	5.04E-07
At2g46830	At1g58180	3.98E-07
At2g46830	At3g02440	7.41E-06
At1g74650	At2g40080	2.70E-08
At2g36011	At3g55180	3.29E-06
At2g46830	At3g04610	1.80E-07
At2g46830	At4g37740	5.74E-07
At5g13790	At4g29510	8.51E-08
At4g01680	At1g17665	2.70E-08
At4g18960	At4g33560	1.46E-06
At2g46830	At1g72450	4.69E-06
At2g46830	At5g53050	2.11E-07
At2g46830	At1g06970	3.80E-06
At4g18960	At1g61340	3.48E-07
At4g18960	At3g59080	7.23E-07
At5g35550	At3g01970	8.10E-06
At2g46830	At3g55280	6.72E-06
At5g60850	At5g61600	3.14E-06
At2g46830	At1g48920	2.78E-07
At2g46830	At1g80920	1.47E-07
At4g18960	At1g19500	2.96E-07
At4g18960	At3g62130	1.90E-07
At2g46830	At4g17500	7.20E-06
At4g18960	At4g33920	3.48E-07
At5g35550	At5g61850	7.48E-06
At2g46830	At1g47128	4.72E-09
At5g13790	At2g31945	2.15E-08
At1g07640	At1g69490	4.13E-06
At2g47190	At5g58260	4.89E-09
At3g50410	At1g63470	9.36E-06
At4g18960	At2g46280	9.00E-07
At4g18960	At5g35430	1.87E-06
At4g18960	At1g27480	1.05E-08
At4g18960	At5g42900	1.12E-06
At2g46830	At2g38120	1.89E-06
At4g25490	At2g45490	4.88E-07
At2g46830	At1g52150	5.85E-06
At2g46830	At1g75790	2.39E-08
At1g49720	At3g22910	1.33E-09
At1g26310	At3g17010	2.00E-09
At5g06960	At2g45870	8.30E-07
At2g46830	At5g47830	5.26E-06
At2g36010	At1g23440	5.03E-08
At2g36010	At5g52750	3.41E-06
At3g01470	At3g18810	2.51E-06
At1g45249	At4g38960	3.52E-07
At3g61250	At1g28050	2.70E-08
At1g59750	At5g56940	9.43E-06
At1g32640	At1g29690	2.99E-07
At1g59750	At2g19170	6.47E-06
At2g45650	At1g69180	2.00E-09
At3g02310	At5g60010	1.61E-08
At3g61120	At3g24500	6.27E-09
At4g18960	At3g61190	1.39E-06
At5g35550	At5g12460	6.78E-07
At2g46830	At1g69570	3.30E-07
At4g18960	At4g27110	4.06E-06
At5g60470	At1g28360	6.07E-09
At3g09230	At5g21170	5.79E-07
At4g18960	At1g47670	2.25E-06
At5g60850	At3g62260	8.13E-06
At3g50410	At5g08000	9.36E-06
At5g15800	At1g66150	1.16E-08
At2g14210	At1g14200	6.27E-09
At2g45650	At2g20560	6.27E-09
At4g18960	At4g27654	1.39E-06
At1g49720	At5g52400	1.33E-09
At3g58780	At3g01530	4.43E-06
At4g28110	At2g40080	2.70E-08
At4g18960	At3g11000	3.75E-07
At3g55370	At4g11660	8.90E-08
At2g46830	At1g64770	5.32E-06
At3g24310	At2g40080	2.70E-08
At2g36010	At3g62260	6.57E-08
At4g18960	At5g42080	7.31E-06
At5g15800	At1g16705	3.42E-08
At1g49720	At5g54070	2.56E-09
At2g46830	At1g72050	9.16E-06
At5g60850	At1g71120	2.91E-07
At2g46830	At1g23200	3.17E-07
At4g18960	At5g43020	1.02E-09
At4g18960	At1g03740	3.09E-06
At2g46830	At3g27220	5.90E-06
At4g18960	At5g60990	4.68E-06
At5g35550	At1g71691	6.78E-07
At5g60910	At5g61620	1.61E-08
At4g18960	At1g25560	8.79E-07
At1g32640	At2g46510	3.57E-07
At2g46830	At1g27630	6.65E-06
At2g46830	At1g73500	7.20E-06
At2g47190	At5g28770	3.02E-06
At1g68130	At3g01570	6.07E-09
At2g36011	At3g02310	3.25E-06
At2g27050	At5g55720	3.06E-09
At2g36010	At1g74930	5.83E-07
At3g50410	At3g02310	1.82E-07
At5g35550	At1g70760	4.89E-09
At2g46830	At3g21180	2.36E-06
At2g46830	At3g21190	8.90E-06
At4g18960	At5g10390	7.15E-08
At2g03710	At5g05670	3.53E-06
At2g46830	At2g44840	6.50E-06
At4g18960	At1g23600	3.46E-06
At2g46830	At5g39890	5.90E-06
At3g61120	At3g07090	6.27E-09
At1g07640	At3g26890	2.70E-07
At3g62420	At3g62260	6.80E-06
At2g47190	At3g17010	7.48E-06
At4g18960	At5g63600	3.04E-06
At1g32640	At2g25600	1.35E-07
At1g69120	At3g16720	2.34E-08
At3g58780	At5g39610	2.15E-08
At2g47190	At1g73410	1.77E-06
At4g18960	At1g32900	4.39E-07
At2g22430	At1g01480	2.50E-06
At2g46830	At3g49210	4.23E-06
At2g46830	At1g54410	4.03E-07
At2g46830	At3g10800	1.14E-07
At2g46830	At5g20920	2.58E-06
At1g07640	At5g13330	4.13E-06
At4g34590	At1g01720	6.80E-06
At5g15800	At5g50790	3.42E-08
At4g18960	At1g75300	5.00E-06
At4g18960	At2g31070	1.27E-07
At1g14580	At3g10200	6.07E-09
At4g25490	At1g75490	5.66E-06
At4g18960	At1g08810	6.52E-06
At3g50410	At5g60210	9.36E-06
At4g18960	At2g13540	1.13E-08
At5g55020	At5g39410	2.70E-08
At4g34590	At1g69260	6.80E-06
At2g03710	At4g37540	3.35E-07
At2g22430	At3g01970	1.13E-06
At1g45249	At1g79040	5.52E-07
At3g55370	At2g20560	8.90E-08
At1g07640	At3g17840	9.36E-06

Transcription factor	Target Gene	*P*-Value
At2g46830	At5g53220	4.98E-06
At4g34590	At3g50070	3.95E-06
At2g46830	At3g25780	4.98E-06
At4g38620	At1g72520	1.11E-06
At2g46830	At3g01140	1.97E-06
At2g46830	At3g19420	5.33E-06
At4g18960	At1g50560	6.01E-06
At2g46830	At1g70510	4.47E-08
At3g30260	At2g20560	6.27E-09
At2g14210	At4g34400	2.00E-09
At2g46830	At5g05140	2.10E-06
At4g18960	At1g71090	3.84E-06
At1g49720	At1g05100	1.33E-09
At2g46830	At2g31350	9.07E-06
At5g35550	At5g21170	3.02E-06
At2g46830	At1g03740	3.95E-07
At2g46830	At5g20600	1.83E-07
At5g13790	At2g38470	4.45E-06
At3g55370	At3g15510	4.55E-08
At5g16770	At2g40080	2.70E-08
At2g46830	At1g67640	4.94E-06
At2g46830	At4g35790	2.78E-08
At2g03710	At5g47230	8.13E-06
At4g05100	At5g48250	2.70E-08
At1g45249	At1g68620	1.28E-07
At4g18960	At1g76990	1.13E-06
At4g18960	At5g08460	5.26E-08
At1g07640	At1g23040	4.55E-08
At2g46830	At5g55620	2.59E-07
At5g35550	At2g32140	2.98E-06
At4g38620	At1g30880	2.11E-06
At4g18960	At5g07590	7.69E-07
At3g55370	At4g31550	1.10E-06
At1g69120	At5g45960	4.51E-07
At3g61120	At2g19040	1.61E-08
At4g18960	At4g03100	1.92E-06
At5g16770	At5g39410	2.70E-08
At2g46830	At3g62820	2.57E-08
At3g19290	At5g61380	2.40E-08
At5g65210	At3g02310	1.87E-06
At2g46830	At1g74310	1.45E-08
At4g18960	At1g06250	4.99E-07
At2g46830	At3g20810	4.12E-06
At2g46830	At5g10500	3.99E-07
At5g35550	At1g75090	3.18E-07
At2g46830	At3g02690	3.29E-07
At1g32640	At1g73590	7.96E-07
At4g18960	At1g23390	2.34E-06
At2g45650	At1g14200	6.27E-09
At2g46830	At4g02990	3.06E-06
At4g18960	At3g02690	6.42E-07
At4g18960	At4g30800	3.90E-06
At2g46830	At4g28310	1.44E-07
At4g18960	At3g56710	4.88E-06
At1g69120	At1g66150	1.16E-08
At2g46830	At3g57390	5.80E-06
At2g46830	At5g20340	4.94E-06
At4g18960	At1g26230	2.85E-07
At2g46830	At4g04490	1.67E-06
At2g46830	At5g55230	5.89E-06
At2g46830	At2g35260	7.78E-06
At2g36010	At3g27330	4.35E-06
At2g46830	At3g22500	2.99E-06
At2g46830	At2g21210	7.93E-08
At4g18960	At3g53430	9.55E-08
At4g18960	At4g37540	2.62E-09
At2g03710	At5g08460	2.91E-06
At3g50410	At5g38030	9.20E-06
At4g01120	At2g46790	1.01E-09
At2g47190	At1g68520	4.89E-09
At5g65210	At1g17665	2.66E-09
At2g22430	At3g25110	1.93E-06
At4g18960	At5g42820	1.82E-06
At2g46830	At5g44680	7.93E-08
At4g18960	At5g24940	2.82E-06
At1g07640	At5g66390	9.20E-06
At2g03710	At4g24380	1.39E-06
At2g22430	At4g17340	6.41E-08
At1g07640	At5g61890	3.03E-08
At1g75390	At5g05410	6.80E-06
At2g46830	At2g41610	5.97E-06
At2g46830	At4g33560	5.90E-06
At4g01680	At1g28050	2.70E-08
At2g46830	At1g17665	1.41E-06
At5g35550	At3g53080	3.79E-06
At5g35550	At1g28470	1.77E-06
At2g46830	At2g25900	1.47E-07
At2g46830	At5g48560	6.19E-07
At3g20770	At1g12610	7.62E-06
At2g46830	At5g49130	2.21E-06
At1g45249	At1g16850	2.28E-07
At1g45249	At5g24930	5.52E-07
At3g02310	At5g61850	2.00E-09
At4g18960	At4g00180	4.01E-06
At2g46830	At3g06750	7.21E-06
At2g46830	At4g03620	4.32E-07
At5g13790	At1g09540	1.90E-08
At2g46830	At2g13620	4.89E-06
At1g69120	At2g18110	5.41E-06
At4g18960	At4g25860	8.01E-07
At2g46830	At1g76700	5.33E-07
At2g46830	At4g18960	2.98E-09
At2g46830	At3g16860	2.07E-07
At2g18160	At5g67200	3.95E-06
At2g46830	At2g36930	1.54E-07
At4g18960	At1g26320	3.05E-06
At5g35550	At3g19580	3.01E-08
At5g65210	At3g52060	1.66E-08
At1g69120	At5g23970	4.51E-07
At1g69120	At2g20560	6.27E-09
At4g18960	At4g20400	1.13E-08
At5g61850	At5g59440	5.33E-06
At2g46830	At3g62720	4.60E-06
At2g18160	At5g05410	6.80E-06
At3g61120	At5g44680	1.16E-08
At5g02030	At1g76700	1.81E-06
At2g22430	At5g59780	6.41E-08
At1g59750	At3g45030	2.67E-07
At2g22430	At3g19580	8.05E-06
At2g47190	At1g59640	1.35E-06
At3g55370	At2g26530	7.91E-06
At4g18960	At1g77980	7.82E-09
At2g46830	At3g60630	9.25E-07
At1g22640	At1g11210	5.92E-06
At4g38620	At3g52620	7.91E-07
At4g18960	At2g27580	4.01E-09
At1g08810	At4g33980	2.70E-08
At2g46830	At5g57690	3.99E-07
At4g18960	At4g12960	5.82E-07
At4g38620	At1g25260	2.11E-06
At2g46830	At3g63040	6.27E-06
At2g46830	At3g48250	3.55E-08
At2g46830	At4g37750	4.80E-06
At2g46830	At1g32920	3.83E-07
At2g46830	At1g56010	3.10E-07
At2g46830	At3g54150	2.97E-06
At2g46830	At4g10480	7.00E-06
At5g15800	At1g14200	6.27E-09
At2g46830	At2g01250	9.03E-07
At5g65210	At1g27730	1.15E-09
At4g18960	At5g50790	3.42E-08
At2g46830	At2g32140	6.13E-06
At1g22640	At2g45650	3.06E-09
At5g44160	At3g10200	6.07E-09
At4g18960	At1g53270	9.43E-07
At4g18960	At3g20250	9.32E-06
At5g35550	At5g44620	3.18E-07
At3g58780	At3g53140	8.78E-06
At2g36010	At1g66500	6.57E-08
At4g18960	At3g53080	3.67E-06
At2g46830	At3g22210	7.93E-08
At2g46830	At4g02390	1.96E-07
At2g46830	At5g13980	6.25E-07
At4g38620	At2g40140	9.58E-06
At4g38620	At5g07420	7.91E-07
At2g47190	At3g61890	5.05E-06
At1g69120	At2g26150	6.27E-09
At3g58780	At1g27370	8.78E-06
At1g69120	At4g17900	2.34E-08
At2g46830	At5g03600	4.80E-08
At4g18960	At3g52460	5.86E-06
At5g44160	At1g28360	6.07E-09

Transcription factor	Target Gene	*P*-Value
At1g69120	At3g24500	6.27E-09
At2g46830	At5g46180	8.94E-07
At4g18960	At3g28780	8.65E-07
At4g18960	At5g46700	2.09E-09
At2g02080	At1g65090	6.07E-09
At5g16770	At1g17665	2.70E-08
At1g07640	At4g04490	3.03E-08
At2g36011	At1g34300	5.03E-08
At3g50410	At5g19860	2.70E-07
At4g01120	At4g15430	1.39E-08
At3g61120	At4g12400	6.27E-09
At3g61120	At2g20560	6.27E-09
At4g18960	At2g36930	5.26E-07
At2g46830	At3g48200	3.92E-06
At4g18960	At4g13530	4.90E-07
At2g46270	At3g50060	3.72E-08
At1g07640	At4g17500	7.91E-06
At2g46270	At3g22370	8.05E-09
At3g55370	At5g04340	8.13E-06
At1g69120	At4g17800	1.69E-06
At4g18960	At3g54340	3.42E-08
At4g18960	At4g17230	4.97E-08
At3g58780	At5g20330	6.87E-08
At2g46830	At5g62140	3.92E-06
At2g46830	At3g17160	2.43E-06
At4g18960	At4g12400	1.22E-06
At1g07640	At2g45650	1.82E-07
At1g75390	At1g07120	3.06E-06
At1g75390	At3g56100	3.95E-06
At1g75390	At1g32930	3.95E-06
At2g47190	At1g22630	4.89E-09
At3g19290	At3g16050	3.08E-07
At4g18960	At3g60780	2.96E-07
At2g46830	At3g52620	2.04E-06
At5g60850	At2g20740	2.70E-07
At2g46830	At1g63720	7.49E-07
At3g50410	At5g47220	7.91E-06
At2g46830	At1g51460	5.98E-07
At4g01120	At2g21640	8.05E-09
At4g18960	At1g28050	2.67E-07
At2g46830	At1g47540	5.57E-08
At2g46830	At5g13080	8.63E-06
At4g18960	At1g44770	1.99E-07
At5g02030	At1g20960	9.11E-06
At2g46270	At1g23710	3.72E-08
At1g49720	At2g25730	5.34E-08
At3g13810	At1g03890	6.07E-09
At4g18960	At3g24660	2.25E-06
At2g36010	At2g12480	1.16E-06
At3g50410	At4g14695	1.82E-07
At5g65210	At2g01250	1.68E-07
At1g22640	At3g23050	7.45E-06
At1g32640	At3g43120	4.81E-06
At4g18960	At5g61620	2.10E-07
At2g46830	At4g01870	5.74E-06
At2g46830	At4g11170	1.67E-06
At3g28910	At3g46640	2.70E-08
At4g18960	At3g16000	8.30E-06
At2g46830	At3g23250	4.73E-06
At2g22430	At5g13080	1.13E-06
At1g59750	At5g63670	3.27E-06
At5g13790	At4g25860	8.78E-06
At5g35550	At3g54340	2.91E-06
At2g14210	At5g20340	1.61E-08
At4g18960	At5g01360	8.49E-07
At2g46830	At2g04039	5.32E-06
At3g02310	At4g34400	2.00E-09
At2g46830	At2g26430	1.56E-06
At1g18570	At1g28050	2.70E-08
At2g46830	At3g11660	3.75E-07
At3g30260	At4g01330	1.16E-08
At4g18960	At5g40350	1.38E-06
At2g46830	At1g10780	9.40E-08
At3g55370	At4g17500	7.91E-06
At4g18960	At5g64860	3.53E-06
At2g46830	At1g26780	1.64E-06
At2g36010	At5g10660	3.29E-06
At4g18960	At1g73830	3.57E-07
At4g18960	At3g56720	4.44E-06
At2g46830	At3g11590	7.56E-06
At2g46830	At4g35020	6.25E-07
At2g46830	At5g02810	3.21E-07
At5g35550	At1g75300	1.35E-06
At2g46830	At2g03550	7.22E-07
At2g46830	At3g07320	8.90E-06
At2g47190	At2g40140	3.40E-06
At5g65210	At3g49790	4.52E-06
At1g68840	At3g22780	2.97E-06
At5g02030	At1g80680	4.25E-06
At5g60850	At1g23600	3.93E-06
At4g18960	At3g26910	2.11E-07
At4g18960	At1g72970	1.99E-06
At3g30260	At1g07350	6.27E-09
At3g55370	At1g27730	3.14E-06
At5g02030	At1g14280	2.97E-07
At4g18960	At5g10660	8.60E-07
At1g32640	At5g60690	7.96E-07
At4g18960	At3g10320	7.17E-06
At2g46830	At2g03750	3.92E-06
At3g62420	At1g32770	3.06E-06
At1g49720	At5g35200	2.38E-06
At2g46830	At4g32830	1.33E-07
At2g46830	At3g59990	2.01E-08
At4g18960	At1g74220	2.38E-06
At2g46830	At3g22650	5.64E-06
At2g46830	At5g38030	7.38E-08
At4g18960	At5g15120	1.46E-06
At2g46830	At3g26910	1.47E-07
At5g02030	At1g34670	1.82E-06
At2g47190	At1g21560	7.67E-07
At1g32640	At1g19180	2.84E-06
At1g22640	At5g61380	2.70E-08
At1g59750	At4g30480	3.27E-06
At1g68840	At3g45870	7.31E-06
At3g23240	At3g62260	9.54E-06
At4g18960	At3g07090	1.21E-06
At1g68840	At1g63910	7.31E-06
At2g46830	At5g13020	8.70E-08
At2g46830	At5g44620	2.21E-06
At3g55370	At2g45650	1.82E-07
At4g18960	At4g35860	3.84E-06
At4g18960	At4g24990	9.32E-06
At5g02030	At4g01330	2.97E-07
At2g47190	At5g19120	3.02E-06
At2g36010	At4g28395	6.93E-06
At4g18960	At5g51750	1.99E-06
At5g02030	At4g39630	7.28E-06
At2g46830	At1g18850	1.77E-08
At4g18960	At1g20960	2.11E-09
At2g46830	At4g26840	2.27E-07
At2g46830	At1g22600	2.99E-07
At2g46830	At1g49500	1.67E-06
At5g02030	At1g76310	7.28E-06
At2g46830	At1g17810	6.27E-06
At2g46830	At3g23760	3.92E-06
At5g06960	At1g74070	5.78E-06
At2g46830	At5g07420	2.04E-06
At2g46830	At5g47150	1.48E-06
At2g46830	At5g58350	9.60E-08
At4g38620	At2g46280	2.11E-06
At2g36010	At3g55190	3.29E-06
At4g18960	At4g15610	1.89E-08
At4g18960	At3g54240	1.09E-06
At1g74650	At1g17665	2.70E-08
At2g22430	At2g18700	3.52E-06
At5g35550	At3g29070	3.79E-06
At1g59750	At1g48830	2.67E-07
At4g18960	At3g13190	2.39E-08
At5g10030	At1g44000	5.78E-06
At2g46830	At5g34870	4.79E-07
At2g46830	At3g13430	1.94E-06
At5g35550	At4g26760	7.67E-07
At2g46830	At1g18540	6.72E-06
At2g03710	At4g16680	8.88E-07
At5g13790	At3g55870	4.43E-06
At2g01940	At3g01570	6.07E-09
At4g18960	At5g22250	4.12E-06
At1g45249	At5g07330	2.28E-07
At1g59750	At5g44620	6.47E-06
At3g23240	At3g21830	3.82E-09
At2g45650	At3g07090	6.27E-09
At2g46830	At1g26610	6.13E-06

Transcription factor	Target Gene	*P*-Value
At1g45249	At3g09600	3.52E-07
At2g46830	At1g77920	2.94E-07
At4g18960	At4g33980	1.75E-06
At5g15310	At2g40080	2.70E-08
At5g35550	At3g23080	2.81E-08
At1g49720	At5g50360	2.28E-07
At1g69120	At1g67990	2.09E-09
At2g32460	At5g42900	2.70E-08
At3g55370	At1g05340	8.13E-06
At4g18960	At1g72520	4.97E-08
At5g12870	At4g33980	2.70E-08
At3g50410	At5g66390	9.20E-06
At5g35550	At3g23050	7.45E-06
At2g02070	At2g41070	6.07E-09
At2g35530	At5g22470	2.56E-09
At1g03840	At1g65090	6.07E-09
At3g23240	At2g18915	8.72E-07
At2g03710	At2g16730	4.18E-08
At1g59750	At3g51770	2.55E-07
At1g75390	At1g77450	6.80E-06
At3g55370	At4g13235	9.20E-06
At2g46830	At1g77090	5.79E-08
At2g46830	At3g09350	6.16E-06
At2g46830	At1g32800	8.90E-09
At5g13790	At2g31930	1.90E-08
At1g49720	At4g01050	5.52E-07
At1g69120	At1g52980	5.41E-06
At2g36010	At5g15800	3.25E-06
At2g46830	At2g25210	3.43E-07
At3g55370	At1g66080	8.90E-08
At5g60850	At4g01250	1.10E-06
At1g22640	At3g27870	2.34E-06
At4g29940	At1g27730	9.62E-06
At1g22640	At2g02390	5.82E-06
At2g14210	At3g24500	6.27E-09
At2g46830	At3g20250	4.41E-06
At1g45249	At5g16460	2.56E-09
At2g46830	At3g22460	3.38E-07
At3g58780	At4g37370	2.10E-08
At2g47190	At3g15450	3.02E-06
At2g47190	At2g34620	2.81E-08
At2g46830	At4g09650	2.56E-06
At3g55370	At4g20160	1.33E-06
At1g07640	At4g24570	3.14E-06
At2g46830	At1g27480	7.22E-07
At4g18960	At4g31880	3.23E-08
At2g22430	At4g38540	1.13E-06
At2g46830	At3g15450	7.04E-06
At1g68840	At1g63470	2.97E-06
At2g22430	At5g15830	6.41E-08
At2g47190	At1g26670	6.86E-06
At2g36011	At5g05510	4.35E-06
At2g46830	At5g48250	4.12E-06
At4g18960	At2g15020	5.55E-08
At1g25250	At5g09640	6.07E-09
At2g46830	At2g03200	4.12E-06
At2g46830	At5g22250	4.50E-07
At3g58780	At1g42980	2.10E-08
At2g46830	At4g15650	7.32E-08
At2g46830	At3g21890	2.45E-07
At2g46830	At4g12960	2.59E-06
At5g35550	At5g37020	3.18E-07
At2g46830	At2g42830	1.48E-06
At3g50410	At1g69490	4.13E-06
At4g01120	At4g05020	8.05E-09
At4g34590	At4g28500	3.06E-06
At4g18960	At3g60830	3.53E-06
At2g46830	At5g51350	3.83E-06
At2g46830	At3g20910	6.70E-07
At2g46830	At5g49520	2.07E-07
At4g18960	At2g42200	1.04E-06
At2g46830	At5g22630	1.71E-07
At2g47190	At2g46680	5.05E-06
At3g50410	At1g32960	3.03E-08
At4g18960	At5g34880	8.15E-09
At4g18960	At4g34000	8.41E-07
At2g46830	At3g48450	1.14E-06
At2g46830	At1g80160	6.96E-07
At2g46830	At4g20490	4.79E-07
At1g32640	At4g27657	2.46E-07
At4g18960	At3g59550	9.20E-08
At4g18960	At1g44810	5.07E-08
At5g35550	At1g57550	3.79E-06
At2g46830	At2g26410	2.36E-06
At5g06960	At1g63470	6.56E-06
At5g15800	At4g15610	1.89E-08
At5g10030	At5g65310	2.97E-07
At4g18960	At1g65690	5.27E-06
At5g60910	At1g66150	1.16E-08
At5g65210	At3g53430	1.68E-07
At2g46830	At1g14540	5.60E-07
At1g69120	At1g20580	2.66E-06
At1g69120	At2g02390	1.27E-06
At3g19290	At1g22930	3.73E-08
At2g03710	At1g66120	9.88E-07
At2g46830	At5g52780	4.56E-06
At4g36730	At2g40000	3.72E-08
At4g18960	At2g46680	7.17E-06
At2g46830	At5g59220	1.15E-06
At4g18960	At3g62630	1.99E-06
At5g02030	At4g28310	9.14E-07
At1g07640	At4g31550	1.10E-06
At2g46830	At1g18370	9.40E-08
At4g18960	At2g29470	2.36E-06
At3g01470	At5g12180	2.51E-06
At2g46830	At2g26730	1.10E-07
At4g18960	At2g30690	6.59E-06
At4g18960	At5g26850	5.73E-06
At2g46830	At3g17360	5.65E-07
At5g60910	At1g26310	2.00E-09
At2g47190	At5g13680	2.30E-07
At5g35550	At5g10695	3.40E-06
At2g46830	At1g23000	5.74E-07
At4g18960	At2g26580	7.79E-06
At5g02030	At5g66390	1.82E-06
At1g74650	At3g46640	2.70E-08
At2g46830	At1g05340	3.02E-06
At4g18960	At3g27690	1.68E-06
At4g18960	At4g17490	4.45E-06
At4g18960	At4g24110	4.06E-07
At1g22640	At5g12200	5.82E-06
At1g49720	At5g64170	1.19E-09
At2g46830	At5g47600	3.12E-08
At3g27810	At3g46640	2.70E-08
At4g21440	At3g46640	2.70E-08
At4g18960	At1g66410	8.76E-06
At2g46830	At5g35630	2.56E-06
At3g20770	At1g32900	5.14E-07
At4g02670	At5g10510	6.07E-09
At2g36011	At1g24260	3.25E-06
At1g45249	At2g25730	5.34E-08
At2g46830	At2g27370	1.25E-06
At5g10030	At2g44260	1.12E-07
At1g24260	At5g60010	1.61E-08
At2g46830	At3g62590	1.46E-06
At2g46830	At3g47450	5.12E-06
At4g18960	At2g22770	6.67E-06
At5g65210	At3g24500	2.53E-06
At1g68840	At1g07120	7.31E-06
At2g46830	At1g35710	1.68E-06
At3g62420	At3g19580	6.80E-06
At1g45249	At1g10170	5.68E-09
At4g18960	At3g02340	2.61E-06
At2g46830	At1g68750	6.13E-06
At2g46830	At3g53410	3.82E-06
At4g36730	At1g22190	3.72E-08
At5g10030	At4g32150	3.90E-06
At4g38620	At1g32640	1.11E-06
At1g49720	At5g60100	5.34E-08
At2g36010	At5g19860	6.49E-07
At4g18960	At5g20860	2.14E-06
At2g46830	At1g50900	2.56E-06
At3g23240	At4g24000	5.51E-06
At5g60850	At3g11660	4.55E-08
At2g46830	At1g53260	4.79E-07
At2g35530	At2g46830	8.66E-08
At2g46830	At1g80070	4.22E-06
At5g35550	At1g56300	5.92E-06
At5g65210	At2g26150	2.53E-06
At2g46830	At2g20060	9.84E-06
At4g18960	At1g54320	7.01E-07
At2g46830	At3g18660	5.97E-06

Transcription factor	Target Gene	*P*-Value
At2g46830	At2g27080	4.60E-06
At2g46830	At1g48000	3.75E-06
At2g03710	At1g20010	3.38E-06
At3g58780	At5g47220	4.45E-06
At1g18570	At5g61380	2.70E-08
At1g59750	At3g11090	6.97E-07
At4g18960	At2g17550	1.94E-06
At5g35550	At1g19370	5.92E-06
At2g46830	At1g54860	5.57E-08
At2g46830	At1g61110	2.17E-07
At1g75390	At3g19580	6.80E-06
At4g38620	At1g68190	9.13E-07
At5g02030	At3g58450	1.41E-06
At5g35550	At4g19660	5.86E-08
At2g46830	At1g68875	7.12E-06
At5g35550	At1g75460	4.89E-09
At2g18160	At2g41610	3.06E-06
At5g60850	At1g14440	9.36E-06
At5g65210	At1g55530	2.53E-06
At2g46830	At4g10710	2.49E-06
At2g32460	At4g33980	2.70E-08
At2g46830	At3g28450	9.60E-08
At3g50410	At5g43930	1.27E-06
At2g46830	At2g46770	8.21E-07
At1g68840	At3g54500	4.50E-06
At1g35515	At5g48250	2.70E-08
At5g15800	At2g26150	6.27E-09
At5g35550	At5g20250	3.02E-06
At3g09230	At1g43700	8.89E-06
At5g06960	At3g61820	2.97E-07
At2g47190	At1g24260	2.91E-06
At4g13480	At5g39410	2.70E-08
At5g13790	At4g17500	4.45E-06
At5g35550	At5g45960	3.18E-07
At4g18960	At3g63490	1.27E-07
At2g46830	At3g49940	1.67E-06
At4g18960	At5g60210	1.69E-06
At2g46830	At3g59700	2.97E-06
At3g58780	At2g29460	2.15E-08
At2g46830	At1g03880	5.57E-08
At4g18960	At5g19360	1.39E-07
At1g49720	At1g22190	4.54E-07
At4g18960	At1g55200	8.41E-06
At4g18960	At4g17220	8.49E-07
At3g19290	At1g59590	8.83E-06
At5g65210	At3g12960	5.01E-06
At3g19290	At5g54080	3.73E-08
At2g46830	At1g09200	1.44E-07
At3g19290	At3g15500	3.73E-08
At2g46830	At1g08360	1.36E-07
At3g50410	At1g14440	9.36E-06
At4g18960	At1g66500	1.39E-06
At2g46830	At2g03060	4.32E-07
At1g22640	At2g41090	5.86E-08
At5g16770	At4g16146	2.70E-08
At4g18960	At3g13050	8.66E-09
At5g12870	At1g28050	2.70E-08
At5g60850	At3g05200	1.10E-06
At1g49720	At1g17380	2.87E-06
At4g18960	At2g18300	3.46E-08
At3g30260	At3g12580	6.27E-09
At4g18960	At1g29070	7.43E-06
At5g60850	At1g74070	3.35E-07
At1g49720	At2g21640	5.68E-09
At3g02310	At5g35320	6.27E-09
At3g55370	At2g01590	3.35E-07
At4g18960	At1g33430	6.20E-06
At5g35550	At2g01210	1.61E-07
At2g46830	At1g69120	2.29E-07
At2g46830	At3g62300	5.89E-06
At4g38620	At2g44260	6.84E-06
At1g07640	At4g00870	4.26E-08
At2g46830	At5g26260	4.04E-07
At5g60850	At4g22920	4.55E-08
At2g46830	At5g42820	6.85E-06
At1g68130	At5g10510	6.07E-09
At1g07640	At2g22960	3.93E-06
At1g69120	At2g46280	5.41E-06
At2g46830	At2g36570	6.91E-06
At4g18960	At3g57390	2.96E-07
At5g60470	At2g41070	6.07E-09
At3g62420	At4g34600	6.18E-08
At4g18960	At4g25630	3.90E-06
At2g46830	At3g04060	6.57E-08
At1g59750	At5g20340	1.38E-06
At2g22430	At3g55020	5.21E-06
At1g59750	At1g20010	5.64E-06
At2g16720	At4g16146	2.70E-08
At2g46830	At1g27360	5.16E-06
At5g06960	At1g76110	5.78E-06
At5g13790	At1g27300	2.15E-08
At5g13790	At3g53300	4.43E-06
At3g55370	At3g16720	3.14E-06
At5g10030	At1g73410	1.12E-07
At2g03710	At2g19040	1.61E-08
At1g26310	At1g14280	1.16E-08
At4g18960	At4g29870	4.68E-06
At4g18960	At1g08150	2.10E-07
At5g35550	At5g64200	2.30E-07
At5g60850	At3g16050	8.90E-08
At2g46830	At5g13190	2.07E-07
At5g15800	At2g04220	1.61E-08
At2g47190	At1g27730	3.40E-06
At2g47190	At4g18960	2.91E-06
At3g02940	At5g61380	2.70E-08
At3g55370	At3g53140	4.26E-08
At2g46270	At3g54500	1.01E-09
At2g47190	At2g18510	2.30E-07
At1g49720	At1g10170	5.68E-09
At5g02030	At1g48410	9.11E-06
At1g32640	At5g50000	2.10E-06
At1g69120	At3g14600	5.41E-06
At2g02080	At2g41070	6.07E-09
At4g18960	At3g23080	3.46E-08
At4g18960	At4g37530	1.49E-08
At4g18960	At1g22440	3.04E-06
At2g46830	At1g11190	2.29E-06
At5g02030	At5g13000	9.11E-06
At1g07640	At1g20510	7.91E-06
At4g18960	At1g20693	8.76E-06
At2g03710	At3g10320	7.17E-06
At3g62420	At2g46270	6.80E-06
At2g46830	At4g37260	8.42E-06
At3g61250	At5g42900	2.70E-08
At2g14210	At1g14280	1.16E-08
At5g44160	At5g07190	6.07E-09
At1g59750	At1g24260	8.91E-06
At3g02310	At1g18620	1.16E-08
At1g07640	At3g21870	3.35E-07
At2g36010	At3g26890	6.49E-07
At3g20770	At3g44260	7.62E-06
At5g02030	At4g32551	9.11E-06
At5g35550	At3g62410	4.89E-09
At3g58780	At3g05200	4.45E-06
At1g75390	At1g63910	3.06E-06
At1g49720	At3g55470	1.82E-06
At5g10030	At1g20010	2.97E-07
At4g18960	At5g11150	8.76E-06
At4g18960	At2g24460	9.50E-06
At2g46830	At1g23670	7.99E-06
At2g46830	At1g16130	1.31E-09
At2g46830	At1g52240	6.00E-09
At2g46830	At1g26320	4.82E-06
At1g69120	At1g26310	2.00E-09
At5g15800	At2g34440	1.61E-08
At5g35550	At5g18780	5.82E-06
At5g60470	At5g10510	6.07E-09
At2g46830	At1g78060	3.20E-07
At2g02070	At5g07190	6.07E-09
At4g18960	At3g45870	5.47E-06
At5g15310	At5g39410	2.70E-08
At4g18960	At1g72260	1.28E-06
At4g18960	At1g01780	3.68E-06
At2g46830	At5g43700	7.80E-08
At1g59750	At3g07230	2.67E-07
At2g46830	At5g46070	1.42E-06
At3g01470	At4g33970	2.51E-06
At4g38620	At5g52820	2.11E-06
At2g22430	At2g47190	2.50E-06
At2g46830	At2g34700	2.76E-08
At4g18960	At3g47660	3.75E-07
At4g18960	At4g38000	5.26E-08

Transcription factor	Target Gene	*P*-Value
At4g18960	At1g03880	1.89E-07
At2g46830	At2g31945	1.80E-07
At1g07640	At3g19580	8.13E-06
At5g60910	At1g10020	1.16E-08
At5g13790	At4g37370	2.10E-08
At5g65210	At5g50360	5.01E-06
At3g19290	At2g29650	4.23E-07
At2g46830	At5g25770	6.95E-06
At2g47190	At3g24490	3.55E-06
At3g01140	At5g42900	2.70E-08
At3g20770	At4g34410	7.62E-06
At4g18960	At4g35740	5.94E-06
At4g18960	At5g40020	8.49E-07
At2g46830	At4g39480	2.44E-06
At4g18960	At5g11360	5.82E-07
At3g50410	At3g53140	4.26E-08
At4g18960	At3g47450	1.27E-07
At5g35550	At3g46620	3.40E-06
At3g58780	At1g09540	1.90E-08
At5g35550	At4g39480	1.35E-06
At2g03710	At2g26730	3.38E-06
At4g38620	At2g18110	2.11E-06
At5g60850	At3g54340	1.82E-07
At2g46830	At2g19040	1.61E-06
At2g46830	At3g25165	1.76E-06
At4g18960	At3g52400	2.35E-07
At1g32640	At1g80840	2.84E-06
At1g49720	At5g06760	2.28E-07
At4g18960	At2g15480	2.11E-07
At4g18960	At3g29070	3.67E-06
At4g18960	At3g13640	3.42E-08
At5g54230	At5g42900	2.70E-08
At2g46830	At5g23970	4.86E-06
At4g18960	At2g47070	1.87E-06
At2g46830	At1g07530	4.41E-06
At4g13480	At2g40080	2.70E-08
At4g18960	At5g38180	1.09E-09
At5g02030	At5g46070	9.11E-06
At2g03710	At5g61620	1.61E-08
At2g46830	At5g40890	2.48E-06
At4g18960	At2g38410	4.10E-07
At2g46830	At2g06850	2.26E-07
At2g46830	At1g34670	7.38E-08
At5g60850	At5g38120	3.93E-06
At1g49720	At2g41250	3.52E-07
At1g69120	At2g31210	2.09E-09
At5g10030	At4g12700	8.30E-07
At4g18960	At1g48630	1.83E-06
At3g55370	At3g62260	8.13E-06
At5g60850	At5g46350	3.03E-08
At5g02030	At2g35380	1.82E-06
At1g69120	At3g06750	1.16E-08
At5g60850	At4g32150	2.70E-07
At3g01140	At1g28050	2.70E-08
At4g18960	At5g59440	1.82E-06
At2g47190	At3g13640	2.91E-06
At1g59750	At3g01660	6.97E-07
At2g22430	At1g55530	5.34E-06
At4g18960	At1g61940	3.05E-06
At5g15800	At1g08150	1.61E-08
At4g18960	At5g67340	2.11E-07
At1g03840	At5g09640	6.07E-09
At2g03710	At2g46680	7.17E-06
At4g18960	At1g61730	8.51E-08
At4g18960	At1g73870	4.39E-07
At4g18960	At2g36145	2.54E-07
At4g18960	At2g45190	4.01E-06
At1g45249	At5g05220	2.28E-07
At2g46830	At3g28007	1.46E-06
At3g19290	At2g20560	3.08E-07
At1g68130	At3g10200	6.07E-09
At4g18960	At3g01330	9.20E-08
At4g38620	At4g38960	6.44E-06
At5g35550	At4g22680	1.77E-06
At5g35550	At1g68190	2.81E-08
At3g58780	At1g32870	2.10E-08
At2g46830	At3g53600	5.60E-07
At2g22430	At5g62000	5.21E-06
At4g18960	At4g39100	9.15E-06
At1g69120	At1g74310	6.27E-09
At1g32640	At3g16860	2.99E-07
At1g49720	At3g16140	5.52E-07
At2g03710	At5g13080	2.36E-06
At2g46830	At2g43920	3.20E-07
At2g46830	At4g22140	2.43E-06
At4g18960	At3g53140	8.78E-06
At5g02030	At5g58260	1.59E-06
At2g46830	At1g34300	6.70E-08
At5g16770	At5g61380	2.70E-08
At1g32640	At1g02475	1.05E-06
At5g35550	At1g64890	5.92E-06
At5g35550	At3g19480	4.89E-09
At1g22640	At2g43320	2.98E-06
At5g02030	At1g01550	1.81E-06
At1g24260	At1g74310	6.27E-09
At4g18960	At3g22370	4.28E-06
At5g35550	At5g65210	5.82E-06
At2g01940	At5g57390	6.07E-09
At2g46830	At3g53510	3.02E-07
At3g50410	At5g51190	3.14E-06
At2g46830	At1g62990	1.59E-06
At1g32640	At1g17420	3.57E-07
At2g36010	At5g39670	3.41E-06
At2g18160	At2g20515	3.95E-06
At2g46830	At3g57480	5.04E-07
At3g50410	At2g35380	9.20E-06
At4g18960	At1g75640	7.47E-06
At1g32150	At1g03890	2.56E-09
At4g38620	At2g34600	1.11E-06
At2g46830	At1g49010	3.92E-06
At5g60850	At1g27300	4.13E-06
At2g46830	At1g17880	6.72E-06
At2g46830	At1g64000	7.50E-06
At3g58780	At3g10570	8.78E-06
At1g69120	At2g16910	2.09E-09
At2g46830	At1g32770	5.97E-06
At2g47190	At5g64260	8.07E-07
At4g18960	At2g47990	8.51E-08
At1g08810	At4g16146	2.70E-08
At3g55370	At1g44000	3.35E-07
At2g46830	At1g51830	7.88E-07
At2g46830	At1g61100	4.60E-06
At2g46830	At3g63310	1.14E-07
At3g30260	At1g14280	1.16E-08
At1g59750	At3g28630	1.38E-06
At2g47190	At5g50790	2.91E-06
At2g46830	At1g14150	2.81E-07
At4g18960	At1g21900	1.56E-09
At4g18960	At3g11050	6.69E-06
At2g18160	At1g32930	3.95E-06
At2g46830	At2g45610	3.80E-06
At3g50410	At1g63720	8.13E-06
At4g18960	At4g18060	2.12E-06
At2g46830	At3g56070	4.14E-06
At4g18960	At5g02760	3.57E-07
At5g65210	At3g05560	1.68E-07
At2g03710	At4g20020	3.53E-06
At4g18960	At1g22930	2.11E-06
At1g22640	At5g50790	3.06E-09
At4g18960	At3g04690	1.39E-07
At5g02030	At5g44680	2.97E-07
At5g13790	At1g61730	8.51E-08
At3g28910	At5g39410	2.70E-08
At2g46830	At2g40430	9.16E-06
At3g02310	At1g69180	2.00E-09
At1g07640	At1g16760	1.33E-06
At2g46830	At1g68520	2.81E-07
At2g46830	At5g22330	1.83E-07
At2g46830	At5g65020	3.20E-07
At2g46830	At5g51950	5.07E-06
At4g34590	At1g32770	3.06E-06
At1g69120	At5g62190	5.41E-06
At2g46830	At2g37340	5.99E-06
At3g23240	At2g20560	9.54E-06
At3g50700	At5g10510	6.07E-09
At4g18960	At1g06420	8.54E-06
At3g50700	At3g10200	6.07E-09
At2g46830	At1g27380	6.19E-07
At3g50410	At1g15360	3.93E-06
At5g60910	At5g26150	1.61E-08
At1g69120	At2g26200	3.83E-06
At5g15800	At1g78060	2.12E-06

Transcription factor	Target Gene	*P*-Value
At4g18960	At1g77580	1.92E-06
At2g46830	At3g54340	2.67E-07
At3g13810	At1g28360	6.07E-09
At4g18960	At2g26150	5.19E-06
At4g18960	At3g42570	2.85E-07
At2g46830	At3g12660	6.69E-07
At2g03710	At1g10170	8.88E-07
At3g23240	At2g33380	5.51E-06
At4g18960	At1g72680	2.15E-08
At4g18960	At4g18340	2.62E-09
At2g46830	At1g75300	8.44E-06
At4g18960	At2g36100	6.01E-06
At1g07640	At5g45960	3.93E-06
At4g18960	At2g26910	1.70E-06
At1g59750	At2g26530	1.04E-06
At4g18960	At3g12320	7.43E-07
At2g46830	At1g51640	1.64E-07
At4g18960	At2g40370	3.50E-07
At2g46830	At5g11360	1.48E-06
At2g46830	At4g18480	2.56E-06
At3g23240	At3g62590	5.51E-06
At4g38620	At5g27870	7.91E-07
At2g22430	At5g60410	5.21E-06
At2g46830	At1g10200	3.70E-07
At4g18960	At2g18915	1.62E-06
At3g30260	At3g24500	6.27E-09
At2g03710	At4g37370	8.88E-07
At2g46830	At1g19500	6.75E-08
At4g18960	At5g42780	8.38E-07
At1g69120	At5g52820	5.41E-06
At3g58780	At5g60960	8.51E-08
At4g18960	At4g14540	6.27E-06
At2g46830	At5g59850	7.00E-06
At4g18960	At3g25140	2.20E-06
At5g22220	At1g73540	6.57E-08
At2g36010	At1g19210	5.83E-07
At5g60850	At2g26530	7.91E-06
At2g36010	At4g14695	3.25E-06
At5g65210	At1g23710	1.15E-09
At2g46830	At3g27330	1.33E-07
At2g46830	At1g25400	1.07E-07
At4g18960	At3g47295	3.44E-06
At4g18960	At4g38800	3.32E-06
At2g46830	At1g67990	2.30E-06
At3g01470	At1g47270	2.51E-06
At5g13790	At5g51030	1.55E-07
At4g18960	At1g79500	3.53E-06
At4g36730	At2g15020	8.66E-08
At2g46830	At3g14310	3.70E-07
At3g02310	At3g12580	6.27E-09
At4g18960	At1g48470	6.69E-06
At2g03710	At2g46240	2.59E-06
At2g18160	At1g01720	6.80E-06
At1g07640	At1g15360	3.93E-06
At2g46830	At4g31830	3.84E-07
At2g46830	At5g16880	5.33E-06
At3g30260	At4g34400	2.00E-09
At1g45249	At3g54620	2.38E-06
At1g45249	At1g12610	2.87E-06
At4g18960	At1g01720	2.59E-06
At2g46830	At1g23590	7.99E-06
At3g58780	At3g03430	1.55E-07
At3g02310	At1g08150	1.61E-08
At2g22430	At3g54250	1.93E-06
At2g46830	At1g35190	2.29E-06
At2g46830	At1g55530	2.63E-07
At3g62420	At1g77450	6.80E-06
At2g46830	At3g06070	1.09E-06
At4g18960	At1g30500	9.14E-07
At4g18960	At1g60240	6.30E-06
At5g13790	At1g32800	2.09E-06
At3g55370	At1g63720	8.13E-06
At4g18960	At1g18850	8.51E-08
At2g36010	At3g59550	4.35E-06
At2g46830	At3g12390	1.36E-07
At3g58780	At1g32770	1.90E-08
At5g60910	At2g26150	6.27E-09
At2g14210	At2g04220	1.61E-08
At4g18960	At2g26330	5.20E-08
At1g07640	At5g22810	2.91E-07
At4g18960	At3g09600	7.43E-07
At4g18960	At5g39610	2.15E-08
At5g35550	At2g35940	5.05E-06
At1g69120	At1g65820	1.27E-06
At5g60850	At2g18280	2.70E-07
At1g24260	At1g14200	6.27E-09
At2g46830	At2g19770	4.72E-08
At4g18960	At5g48590	1.13E-06
At3g09230	At3g54350	6.83E-06
At5g06960	At2g44260	1.12E-07
At5g10030	At3g22790	6.56E-06
At4g18960	At1g72450	3.42E-06
At1g74650	At5g39410	2.70E-08
At2g46830	At1g52890	1.46E-06
At3g50410	At1g71120	2.91E-07
At4g18960	At4g03150	1.95E-06
At5g10030	At5g60210	6.31E-06
At1g32640	At1g77450	2.06E-06
At2g46830	At1g18620	1.37E-07
At2g46830	At5g58930	1.06E-06
At4g18960	At3g10640	8.42E-06
At2g46830	At1g33430	2.39E-08
At3g58780	At1g27730	4.45E-06
At4g29940	At5g63130	9.62E-06
At2g46830	At2g26530	8.58E-06
At2g46830	At5g24930	5.79E-08
At5g35550	At2g19520	3.55E-06
At2g46830	At3g04960	7.27E-06
At2g46830	At5g48720	1.96E-07
At2g46270	At1g01060	1.39E-08
At2g46830	At3g15510	1.49E-07
At2g46830	At3g60300	3.77E-07
At5g10030	At1g15350	3.90E-06
At1g59750	At1g79500	5.64E-06
At1g26310	At2g04220	1.61E-08
At4g18960	At5g50170	2.31E-06
At2g46830	At5g37770	8.27E-06
At3g55370	At1g74070	3.35E-07
At4g25490	At3g27330	4.88E-07
At1g45249	At1g04620	5.34E-08
At2g46830	At3g08720	2.76E-06
At2g47190	At2g13690	7.67E-07
At2g46830	At5g06760	1.50E-06
At4g18960	At4g04980	1.39E-07
At2g46830	At3g21830	2.49E-06
At2g46830	At4g13180	5.74E-06
At4g18960	At3g57480	8.66E-09
At1g59750	At2g46220	1.06E-06
At2g03710	At5g60010	1.61E-08
At4g18960	At1g09200	7.15E-08
At1g07640	At3g24740	1.27E-06
At4g18960	At1g09610	9.70E-07
At4g18960	At4g28000	4.74E-07
At1g49720	At5g05410	4.60E-07
At2g03710	At3g52600	8.16E-06
At2g46830	At3g53460	1.57E-07
At2g47190	At2g36900	6.86E-06
At1g32640	At4g04930	4.81E-06
At1g49720	At5g05220	2.28E-07
At2g03710	At5g48140	4.18E-08
At1g69120	At1g29280	1.69E-06
At2g03710	At3g62260	2.59E-06
At4g18960	At4g27280	2.81E-08
At2g46830	At5g62190	4.62E-06
At1g49720	At2g21320	1.24E-08
At3g55370	At4g36500	7.91E-06
At4g18960	At5g04410	4.01E-09
At5g35550	At2g45650	3.06E-09
At1g69120	At5g33370	4.51E-07
At1g69120	At3g09490	3.46E-06
At3g55370	At2g35980	3.03E-08
At3g55370	At1g32960	3.03E-08
At2g26960	At5g39410	2.70E-08
At5g02030	At5g51660	9.11E-06
At2g46830	At5g39660	3.30E-07
At1g68840	At2g31930	7.31E-06
At2g46830	At5g66130	1.96E-07
At2g46830	At3g54680	1.15E-06
At2g46830	At4g35570	5.05E-06
At2g46830	At5g22430	2.67E-07
At4g18960	At1g64500	5.55E-08
At5g60910	At1g07350	6.27E-09

Transcription factor	Target Gene	*P*-Value
At4g18960	At1g18450	5.92E-06
At5g35550	At4g11280	3.40E-06
At4g18960	At2g45470	7.69E-07
At5g60470	At5g07190	6.07E-09
At2g46830	At3g29230	3.06E-06
At2g46830	At1g30350	7.99E-06
At5g13790	At1g33680	2.09E-06
At1g59750	At4g17100	5.64E-06
At4g02670	At3g01570	6.07E-09
At3g50410	At5g08460	2.91E-07
At2g46830	At2g20670	5.76E-06
At2g46830	At3g47430	5.32E-06
At1g26310	At4g34400	2.00E-09
At2g46830	At5g07230	2.30E-06
At3g50410	At2g38470	7.91E-06
At4g18960	At2g16910	1.44E-07
At2g46830	At1g30860	1.99E-06
At2g46830	At1g01720	3.71E-06
At4g18960	At3g18130	1.83E-06
At3g02310	At3g06750	1.16E-08
At2g46830	At1g31650	2.12E-06
At2g46830	At2g34500	8.94E-07
At4g28110	At1g17665	2.70E-08
At1g26310	At5g61850	2.00E-09
At3g62420	At3g06380	2.59E-08
At2g45650	At1g14280	1.16E-08
At3g62420	At1g15400	2.59E-08
At3g28910	At4g16146	2.70E-08
At4g18960	At1g31660	4.68E-06
At1g69120	At3g12580	6.27E-09
At1g69120	At5g26150	1.61E-08
At1g07640	At1g77270	4.26E-08
At3g55370	At1g80160	4.13E-06
At4g18960	At5g12840	1.20E-06
At2g46830	At2g46790	2.37E-06
At2g46830	At4g31610	1.14E-06
At1g69120	At1g30880	5.41E-06
At4g18960	At5g53360	8.66E-09
At3g58780	At3g27810	4.43E-06
At5g02030	At1g14930	1.41E-06
At5g13790	At3g28780	1.55E-07
At2g03710	At1g27730	8.13E-06
At2g46830	At1g32930	5.39E-07
At4g18960	At5g59850	1.83E-06
At5g35550	At1g51460	3.18E-07
At1g45249	At3g23920	1.60E-06
At3g23240	At1g52890	5.51E-06
At5g60850	At3g24740	1.27E-06
At2g27050	At5g23970	3.06E-09
At2g36010	At3g20250	5.03E-08
At1g07640	At1g71120	2.91E-07
At3g55370	At2g02970	1.27E-06
At5g60850	At5g11210	3.03E-08
At2g46270	At5g15850	8.66E-08
At4g01120	At5g64170	1.01E-09
At4g18960	At1g79270	8.41E-07
At2g46830	At1g16490	3.24E-07
At2g46830	At1g22280	5.40E-08
At2g46830	At1g21790	2.61E-07
At1g55110	At3g10200	6.07E-09
At2g46830	At1g72220	2.54E-07
At3g50410	At5g48400	3.03E-08
At1g45249	At3g12960	2.28E-07
At3g23240	At4g24220	8.72E-07
At5g35550	At1g21560	7.67E-07
At2g45650	At5g35320	6.27E-09
At2g46830	At5g47220	8.58E-06
At2g46830	At3g28490	3.36E-06
At4g18960	At2g46210	1.75E-06
At3g09230	At4g10710	6.83E-06
At4g18960	At3g57920	2.63E-09
At1g07640	At2g42990	3.93E-06
At1g69120	At1g15790	3.46E-06
At4g25470	At1g09370	7.46E-07
At1g14580	At1g28360	6.07E-09
At3g50410	At3g26910	1.10E-06
At1g69120	At3g26210	3.46E-06
At3g50410	At3g54340	1.82E-07
At1g07640	At1g80160	4.13E-06
At2g46830	At5g61380	4.12E-06
At3g55370	At1g23710	8.13E-06
At1g49720	At1g69260	4.60E-07
At3g55370	At3g51770	1.27E-06
At3g50410	At1g28380	1.10E-06
At4g18960	At2g25735	1.14E-06
At2g46270	At1g27100	3.72E-08
At5g06960	At5g47635	1.12E-07
At4g18960	At2g22400	5.35E-07
At2g46830	At1g29510	1.89E-06
At3g50410	At3g19580	8.13E-06
At4g18960	At5g44200	5.89E-06
At2g02070	At1g28360	6.07E-09
At2g46830	At5g52160	2.30E-06
At3g50410	At2g42200	4.26E-08
At4g18960	At1g05575	4.45E-06
At2g46830	At4g20830	5.74E-06
At4g38620	At3g14600	2.11E-06
At2g46830	At2g41280	2.99E-06
At1g32640	At1g75080	2.10E-06
At5g02030	At2g28070	4.25E-06
At3g23240	At3g24500	9.54E-06
At1g68840	At5g64170	4.50E-06
At2g46830	At1g74930	3.39E-08
At5g02030	At2g26430	6.66E-07
At5g35550	At3g02140	8.07E-07
At1g59750	At5g22250	1.04E-06
At1g69120	At4g30170	1.69E-06
At4g18960	At4g21070	5.94E-06
At3g19290	At1g06040	4.23E-07
At3g55370	At3g04070	4.13E-06
At4g18960	At3g54620	3.09E-06
At5g44160	At5g09640	6.07E-09
At1g69120	At3g58120	1.16E-08
At2g46830	At5g60910	5.31E-06
At3g02940	At1g28050	2.70E-08
At5g10030	At3g61820	2.97E-07
At4g18960	At5g44620	8.67E-08
At1g59750	At1g07440	6.97E-07
At1g26310	At1g18620	1.16E-08
At2g46830	At1g20510	4.18E-08
At3g50410	At5g14940	4.55E-08
At2g22430	At2g47070	5.21E-06
At1g49720	At1g63720	1.28E-07
At4g18960	At2g38470	4.45E-06
At2g46830	At5g61890	1.67E-06
At4g34590	At3g56100	3.95E-06
At5g06960	At1g28470	1.12E-07
At2g36010	At1g73800	3.41E-06
At4g18960	At5g07190	2.76E-07
At2g46830	At5g66390	6.06E-07
At2g22430	At4g11660	5.34E-06
At4g18960	At1g33800	8.49E-07
At3g30260	At1g11040	1.61E-08
At4g13480	At3g46640	2.70E-08
At4g18960	At1g71260	1.54E-06
At5g02030	At1g20010	1.39E-06
At2g03710	At1g62300	2.11E-07
At2g27050	At1g32780	3.06E-09
At3g19290	At4g17900	8.83E-06
At3g50410	At5g63130	8.13E-06
At2g46830	At3g51290	6.05E-07
At2g46830	At4g36990	3.02E-06
At5g10030	At4g26760	6.56E-06
At2g46830	At1g09740	1.07E-06
At3g50410	At2g26330	9.36E-06
At2g47190	At3g11410	5.05E-06
At5g06960	At2g40420	3.90E-06
At1g59750	At3g02840	1.04E-06
At3g13810	At1g65090	6.07E-09
At3g02940	At1g17665	2.70E-08
At4g18960	At5g18660	2.54E-07
At3g62420	At1g32930	3.95E-06
At4g18960	At3g52810	4.87E-07
At1g45249	At5g57660	1.19E-09
At1g03840	At5g10510	6.07E-09
At3g27810	At5g42900	2.70E-08
At4g18960	At3g10030	8.17E-07
At5g60910	At4g12400	6.27E-09
At2g46830	At3g25110	8.90E-06
At2g47190	At1g69120	7.48E-06
At2g35530	At1g22190	3.72E-08
At3g62420	At1g56220	2.59E-08

Transcription factor	Target Gene	*P*-Value
At4g34590	At1g63910	3.06E-06
At4g36730	At2g46830	8.66E-08
At2g46830	At5g13680	1.86E-07
At2g46830	At5g12390	2.78E-08
At4g18960	At3g05470	9.04E-06
At5g65210	At3g12390	1.68E-07
At4g36730	At2g31380	8.66E-08
At4g18960	At3g10200	2.76E-07
At1g49720	At3g47500	1.19E-09
At2g47190	At1g72770	5.05E-06
At2g47190	At3g19480	4.89E-09
At4g18960	At3g02310	3.42E-08
At3g19290	At1g48470	8.05E-08
At5g02030	At5g63600	1.82E-06
At4g18960	At1g80070	1.13E-08
At5g13790	At3g04960	8.78E-06
At4g18960	At2g14170	1.18E-08
At3g27810	At5g39410	2.70E-08
At4g18960	At3g46640	8.53E-07
At2g46830	At5g19330	6.85E-06
At2g36010	At4g24990	5.03E-08
At2g22430	At2g24790	2.05E-06
At4g18960	At2g45800	5.78E-08
At2g01940	At1g65090	6.07E-09
At1g49720	At1g03740	2.38E-06
At1g45249	At4g27654	2.87E-06
At4g18960	At1g57550	3.67E-06
At2g36010	At2g45610	3.29E-06
At5g35550	At4g33450	1.77E-06
At5g65210	At5g07330	5.01E-06
At2g46830	At1g19210	3.39E-08
At1g07640	At2g35380	9.20E-06
At4g18960	At4g04890	1.86E-07
At1g59750	At5g20890	9.43E-06
At1g75390	At1g69260	6.80E-06
At3g55370	At4g22920	4.55E-08
At2g46830	At3g07780	9.00E-06
At3g58780	At1g10170	2.10E-08
At5g35550	At3g24490	3.55E-06
At1g59750	At1g06420	6.47E-06
At2g46830	At2g20870	2.67E-07
At4g18960	At1g32770	1.90E-08
At4g18960	At2g27170	7.31E-06
At4g18960	At3g50220	2.36E-06
At4g18960	At5g52100	6.27E-06
At1g59750	At5g64860	5.64E-06
At3g50410	At5g12460	2.91E-07
At2g46830	At4g39110	1.70E-07
At2g46830	At4g36500	4.18E-08
At1g35515	At5g61380	2.70E-08
At1g07640	At1g74070	3.35E-07
At1g32150	At3g63040	2.56E-09
At4g18960	At4g22820	3.35E-07
At2g03710	At4g00400	1.09E-07
At2g22430	At4g17800	6.65E-07
At4g18960	At5g16110	1.58E-06
At1g59750	At5g15230	5.64E-06
At2g22430	At2g27370	6.65E-07
At2g46830	At1g75090	5.98E-07
At4g18960	At5g23420	7.39E-06
At4g18960	At5g07810	9.20E-08
At4g18960	At1g14900	8.41E-06
At2g46830	At1g61940	4.80E-08
At3g50410	At4g22920	4.55E-08
At3g58780	At4g29510	8.51E-08
At3g20770	At1g13300	3.32E-06
At2g46830	At2g45490	1.33E-07
At5g15800	At1g51070	2.12E-06
At4g18960	At1g05340	8.60E-07
At2g03710	At3g55870	9.88E-07
At5g35550	At5g15800	2.91E-06
At3g09230	At2g25900	5.79E-07
At2g46830	At5g12250	3.70E-07
At1g69120	At1g24540	2.72E-07
At2g46830	At5g16590	4.18E-07
At2g46830	At5g60250	1.96E-07
At4g18960	At5g13080	1.89E-08
At5g02030	At2g21045	1.82E-06
At1g32640	At4g17230	2.84E-06
At3g58780	At1g27300	2.15E-08
At1g08810	At5g48250	2.70E-08
At4g18960	At3g25160	6.69E-06
At4g18960	At1g26880	1.83E-06
At4g18960	At5g06980	7.79E-06
At2g36011	At3g20250	5.03E-08
At4g25470	At4g32490	6.74E-08
At1g07640	At3g15510	4.55E-08
At1g22640	At3g56400	5.86E-08
At4g18960	At3g04610	1.13E-08
At3g30260	At2g34440	1.61E-08
At5g16770	At3g46640	2.70E-08
At5g35550	At1g25510	1.61E-07
At2g46830	At5g20250	7.04E-06
At2g03710	At1g25550	3.35E-07
At1g07640	At5g23970	3.93E-06
At2g46830	At3g15840	1.08E-06
At2g46830	At3g53080	4.89E-06
At2g36010	At3g02310	3.25E-06
At3g27810	At4g16146	2.70E-08
At4g18960	At2g25625	7.17E-06
At2g02080	At5g10510	6.07E-09
At4g18960	At1g33240	1.94E-06
At1g08810	At1g17665	2.70E-08
At2g46830	At4g01250	1.31E-09
At2g46830	At2g22760	5.60E-07
At2g46830	At5g62860	1.94E-06
At2g46830	At5g64170	1.18E-06
At4g18960	At3g44260	1.39E-06
At4g18960	At5g22630	8.60E-07
At2g46830	At2g26800	4.84E-06
At2g46830	At4g13580	6.06E-07
At2g35530	At2g15020	8.66E-08
At2g02070	At5g57390	6.07E-09
At4g18960	At1g11210	1.75E-06
At5g10030	At3g21870	5.78E-06
At2g46830	At5g34880	4.79E-07
At3g55370	At1g32780	3.93E-06
At1g26310	At5g60010	1.61E-08
At4g18960	At4g26060	7.01E-07
At4g18960	At4g36500	1.14E-06
At4g18960	At5g05670	3.53E-06
At1g18570	At4g33980	2.70E-08
At1g75390	At1g01720	6.80E-06
At2g46830	At3g10610	6.72E-06
At4g29940	At2g47070	1.28E-09
At1g32640	At4g36540	2.10E-06
At2g46830	At3g59040	3.06E-06
At3g50410	At1g07080	4.55E-08
At5g10030	At1g74070	5.78E-06
At4g18960	At3g06380	6.22E-07
At2g46830	At4g36540	1.89E-06
At5g35550	At4g22140	3.55E-06
At5g60850	At1g32780	3.93E-06
At2g46830	At1g28430	7.99E-06
At2g46830	At2g24790	4.25E-06
At5g06100	At5g61380	2.70E-08
At4g18960	At5g01090	5.87E-06
At2g46830	At2g45580	1.54E-06
At2g46830	At2g38370	5.99E-06
At5g03150	At5g07190	6.07E-09
At5g10030	At2g18280	3.90E-06
At5g60850	At4g29030	9.36E-06
At2g16720	At1g17665	2.70E-08
At1g75390	At4g28500	3.06E-06
At2g36010	At1g24260	3.25E-06
At2g46830	At3g59400	3.13E-07
At2g46830	At1g52930	4.14E-06
At1g07640	At2g42200	4.26E-08
At5g02030	At5g28900	4.25E-06
At2g03710	At1g76990	9.15E-06
At2g46830	At3g51490	4.80E-08
At4g18960	At4g20110	3.68E-06
At4g18960	At5g22880	7.15E-08
At5g60910	At5g20340	1.61E-08
At2g46830	At2g29400	4.79E-06
At2g22430	At5g28770	9.99E-06
At2g46830	At5g13820	3.43E-06
At3g55370	At5g61600	3.14E-06
At1g49720	At5g64940	1.09E-08
At4g18960	At1g16850	3.54E-07
At4g34590	At5g67200	3.95E-06
At4g02670	At3g10200	6.07E-09

Transcription factor	Target Gene	*P*-Value
At2g22430	At2g28400	8.05E-06
At5g65210	At1g20693	8.84E-08
At5g61850	At3g14600	1.14E-09
At1g49720	At3g14050	5.12E-09
At5g02030	At5g13300	9.11E-06
At1g45249	At3g11410	5.12E-09
At4g18960	At2g16730	5.78E-08
At5g02030	At4g03100	7.28E-06
At3g24310	At4g16146	2.70E-08
At4g18960	At1g32870	2.10E-08
At4g18960	At1g53140	1.92E-06
At1g49720	At5g07330	2.28E-07
At1g07640	At2g02970	1.27E-06
At3g09230	At4g13530	8.89E-06
At3g11440	At4g16146	2.70E-08
At4g18960	At2g22180	1.87E-06
At1g07640	At3g03470	4.55E-08
At4g18960	At5g60740	3.75E-07
At1g69120	At1g77920	1.27E-06
At2g14210	At2g20560	6.27E-09
At3g23240	At2g15325	3.82E-09
At3g61120	At1g07350	6.27E-09
At5g13790	At1g22380	4.43E-06
At5g66730	At5g57390	6.07E-09
At2g27050	At2g22960	3.06E-09
At4g18960	At2g45170	2.34E-06
At2g03710	At3g46620	8.13E-06
At4g18960	At2g20450	1.83E-06
At1g49720	At5g16460	2.56E-09
At4g21440	At1g17665	2.70E-08
At2g46830	At5g35320	4.58E-06
At4g18960	At2g06925	3.53E-06
At1g68130	At1g65090	6.07E-09
At2g46830	At3g01970	7.49E-07
At2g36011	At3g54340	3.25E-06
At1g49720	At3g12320	1.19E-09
At5g60850	At5g23970	3.93E-06
At5g13790	At5g17380	2.15E-08
At5g35550	At3g55870	7.00E-06
At5g60850	At1g07080	4.55E-08
At4g18960	At1g30860	2.31E-06
At5g35550	At4g36540	7.45E-06
At2g46830	At2g16910	1.61E-06
At2g46830	At3g06400	6.85E-06
At4g18960	At5g09640	2.76E-07
At3g50410	At1g59860	8.90E-08
At3g61120	At2g04220	1.61E-08
At2g46830	At4g26860	5.32E-06
At5g15800	At1g68620	1.89E-08
At2g46830	At4g20400	1.80E-07
At1g07640	At5g35320	8.90E-08
At2g45650	At3g24500	6.27E-09
At2g46830	At5g07330	1.50E-06
At2g47190	At1g20180	7.00E-06
At2g22430	At2g41380	1.13E-06
At1g45249	At5g60100	5.34E-08
At4g18960	At1g55370	6.80E-06
At5g35550	At2g46900	6.86E-06
At2g22430	At3g05020	1.93E-06
At3g55370	At5g35390	1.33E-06
At2g46830	At1g61680	2.21E-06
At2g46830	At1g03870	2.73E-07
At4g18960	At4g12080	1.49E-08
At2g45650	At3g17010	2.00E-09
At4g18960	At1g63840	8.42E-06
At2g46830	At3g55470	8.63E-06
At4g18960	At5g17820	6.01E-06
At2g46830	At4g32610	9.84E-06
At1g07640	At3g28500	1.82E-07
At1g14580	At5g10510	6.07E-09
At1g69120	At4g01330	1.16E-08
At3g30260	At5g26150	1.61E-08
At2g46830	At2g27230	7.56E-06
At4g18960	At5g47110	3.07E-09
At1g32640	At1g20510	2.84E-06
At2g46830	At1g20580	5.05E-06
At4g01680	At5g39410	2.70E-08
At1g59750	At1g16705	8.91E-06
At2g46830	At1g05100	8.82E-07
At3g20770	At5g15850	5.14E-07
At2g22430	At1g80440	3.52E-06
At2g02070	At3g10200	6.07E-09
At1g22640	At3g56710	5.86E-08
At5g02030	At2g16940	4.25E-06
At1g69120	At1g59590	2.34E-08
At1g13260	At1g07180	9.83E-06
At2g46830	At2g20530	9.84E-06
At2g46830	At4g18395	2.04E-06
At2g46830	At5g06320	3.22E-07
At2g46830	At3g56400	1.68E-06
At3g45260	At1g28360	6.07E-09
At1g59750	At4g29780	1.04E-06
At2g46830	At2g46280	4.62E-06
At5g02030	At4g27530	1.41E-06
At4g26930	At3g46640	2.70E-08
At5g35550	At1g75390	4.72E-06
At1g07640	At4g32150	2.70E-07
At2g46830	At4g28085	1.94E-06
At2g46830	At2g17550	4.06E-09
At2g46830	At5g04250	2.61E-07
At4g18960	At5g44730	1.46E-06
At5g35550	At3g28560	4.38E-06
At2g47190	At1g76600	3.40E-06
At4g18960	At4g10480	1.83E-06
At5g06960	At3g22790	6.56E-06
At3g55370	At3g02310	1.82E-07
At2g03710	At1g14280	1.16E-08
At2g46830	At5g17820	1.25E-06
At2g45650	At5g20340	1.61E-08
At2g46830	At5g54080	5.41E-07
At4g18960	At3g52450	6.48E-06
At4g18960	At4g19840	5.74E-06
At2g46830	At3g61040	2.19E-08
At5g35550	At1g77920	5.82E-06
At4g18960	At5g56220	7.47E-06
At5g65210	At3g27300	8.84E-08
At2g46830	At3g56870	5.74E-07
At1g45249	At4g34410	2.87E-06
At2g18160	At5g48360	3.95E-06
At1g68130	At5g07190	6.07E-09
At4g18960	At3g49940	2.62E-09
At5g60850	At3g17680	9.36E-06
At2g46830	At2g33810	5.31E-06
At2g46830	At5g05110	1.49E-07
At3g50410	At3g45640	7.91E-06
At4g34590	At1g63650	3.95E-06
At2g46830	At3g03520	1.07E-06
At5g65210	At5g48250	2.66E-09
At4g18960	At2g24320	3.75E-07
At5g65210	At1g15400	1.66E-08
At1g22640	At3g53600	2.98E-06
At4g18960	At1g71691	5.26E-08
At4g18960	At3g48360	7.23E-07
At2g46830	At5g48240	4.53E-06
At1g69120	At1g63710	4.51E-07
At4g18960	At1g06970	2.82E-06
At3g50410	At5g45960	3.93E-06
At4g01120	At2g31380	1.39E-08
At4g18960	At1g01060	5.44E-07
At3g45260	At5g57390	6.07E-09
At3g50410	At1g23710	8.13E-06
At4g18960	At4g37370	2.10E-08
At1g24260	At4g12400	6.27E-09
At4g02670	At5g09640	6.07E-09
At1g49720	At3g62260	4.60E-07
At4g18960	At3g04840	1.83E-06
At1g45249	At3g02380	1.09E-08
At1g69120	At1g80920	5.51E-06
At2g36010	At3g11980	6.93E-06
At1g69120	At5g56510	2.72E-07
At1g69120	At4g29510	3.83E-06
At2g46830	At3g61890	1.25E-06
At4g18960	At5g48720	5.94E-06
At5g60910	At1g74310	6.27E-09
At5g66730	At1g65090	6.07E-09
At4g18960	At1g68380	1.89E-07
At4g38620	At2g18300	9.13E-07
At2g46830	At5g28640	5.74E-07
At4g18960	At2g25080	5.81E-06
At4g18960	At4g22680	6.73E-07
At2g46830	At1g61070	7.12E-06
At2g46830	At1g08930	1.07E-07

Transcription factor	Target Gene	*P*-Value
At4g18960	At3g28830	1.55E-07
At3g55370	At3g52400	1.10E-06
At1g49720	At3g20810	5.34E-08
At1g59750	At5g20760	1.38E-06
At3g19290	At3g17000	3.73E-08
At5g60850	At5g51190	3.14E-06
At2g46830	At2g30240	4.82E-06
At1g49720	At1g17665	5.34E-08
At2g46830	At5g22880	1.44E-07
At2g22430	At2g36100	6.65E-07
At5g60850	At5g44620	4.26E-08
At1g26310	At5g20340	1.61E-08
At5g60850	At4g38000	2.91E-07
At3g27810	At4g33980	2.70E-08
At2g46270	At3g12320	5.83E-09
At1g59750	At2g39900	5.64E-06
At2g26960	At5g48250	2.70E-08
At2g36010	At2g46400	3.41E-06
At4g18960	At2g04690	3.84E-06
At4g18960	At4g33450	6.73E-07
At2g46830	At3g25050	2.17E-07
At2g46830	At3g01290	2.48E-06
At5g02030	At3g05260	1.41E-06
At4g18960	At5g66780	3.54E-07
At2g46830	At2g46270	3.71E-06
At2g46830	At1g74950	4.69E-06
At2g46830	At4g36680	2.78E-07
At5g06100	At1g17665	2.70E-08
At5g02030	At4g12080	3.33E-06
At2g46830	At3g10525	1.58E-07
At2g36010	At3g01830	3.41E-06
At5g16770	At4g33980	2.70E-08
At4g18960	At5g20850	5.94E-06
At3g61120	At5g60010	1.61E-08
At2g02070	At5g10510	6.07E-09
At5g35550	At1g76420	4.38E-06
At4g18960	At3g14600	9.00E-07
At5g35550	At2g32190	2.98E-06
At2g46830	At1g70290	1.47E-07
At4g18960	At2g37010	6.59E-06
At2g46830	At1g10050	1.14E-07
At5g35550	At5g04340	3.01E-08
At3g62420	At1g69260	6.80E-06
At2g46830	At5g66020	3.03E-08
At3g55370	At1g28380	1.10E-06
At2g46830	At1g26820	2.34E-06
At2g35530	At4g25620	3.72E-08
At1g22640	At4g19660	5.86E-08
At4g38620	At2g22180	7.91E-07
At5g16770	At5g42900	2.70E-08
At4g13480	At5g48250	2.70E-08
At3g62420	At3g56100	3.95E-06
At3g55370	At1g27370	4.26E-08
At2g46830	At1g23710	2.76E-06
At4g18960	At2g13620	4.45E-06
At4g18960	At5g60930	8.89E-07
At3g62420	At5g63190	2.59E-08
At4g18960	At5g60690	7.43E-06
At3g11440	At1g17665	2.70E-08
At3g02310	At1g10680	1.61E-08
At4g18960	At2g26450	1.09E-06
At1g08810	At3g46640	2.70E-08
At5g61850	At1g52980	1.14E-09
At5g35550	At4g15650	8.97E-06
At2g46830	At1g43860	1.77E-08
At1g69120	At3g59820	3.83E-06
At1g07640	At1g32960	3.03E-08
At1g26310	At5g61620	1.61E-08
At5g60910	At1g69120	2.00E-09
At2g46830	At4g34000	2.03E-07
At2g46270	At1g06040	1.01E-09
At4g18960	At5g27870	1.87E-06
At2g47190	At3g05020	1.61E-07
At2g46830	At2g40350	1.34E-06
At4g18960	At3g24500	6.98E-09
At2g46830	At2g45790	3.70E-07
At4g18960	At3g62410	1.63E-06
At3g58780	At3g04070	2.15E-08
At2g46830	At1g76070	1.94E-06
At5g65210	At3g28500	1.87E-06
At4g18960	At4g31610	2.63E-09
At4g18960	At3g01530	4.43E-06
At4g18960	At2g37360	2.14E-06
At5g60850	At5g66390	9.20E-06
At2g46830	At5g63130	2.76E-06
At2g46830	At5g18090	1.08E-07
At2g22430	At3g16050	5.34E-06
At2g46830	At1g05575	7.14E-07
At5g35550	At3g53140	3.18E-07
At4g18960	At3g62820	2.85E-07
At4g18960	At3g43120	8.53E-06
At2g46830	At3g62630	2.34E-06
At5g61850	At2g18110	1.14E-09
At3g23240	At3g15500	5.51E-06
At1g45249	At5g57050	5.12E-09
At2g03710	At1g71691	2.91E-06
At5g35550	At3g15450	3.02E-06
At4g18960	At4g02370	1.18E-08
At4g18960	At5g38160	1.89E-07
At4g18960	At5g20240	1.94E-08
At4g18960	At4g19660	4.88E-06
At2g46830	At2g38470	3.22E-07
At2g22430	At5g49450	3.52E-06
At2g46830	At5g40020	2.79E-06
At1g24260	At5g61620	1.61E-08
At4g18960	At5g38030	3.04E-06
At4g28110	At5g39410	2.70E-08
At4g18960	At1g63300	1.90E-08
At1g68840	At3g56370	2.97E-06
At5g15800	At3g28500	3.42E-08
At1g07640	At5g04340	8.13E-06
At2g35530	At3g05200	3.72E-08
At2g46830	At1g62500	5.74E-07
At2g46830	At1g68090	7.38E-06
At2g03710	At1g69120	2.00E-09
At2g46830	At3g02310	4.14E-06
At1g45249	At1g05100	1.33E-09
At2g46830	At1g63710	4.86E-06
At4g18960	At1g18530	1.72E-06
At2g36011	At1g02190	3.25E-06
At4g18960	At1g62060	6.52E-06
At4g18960	At2g04570	3.44E-06
At2g46830	At3g25530	3.20E-07
At2g46830	At3g50220	5.97E-06
At5g65210	At3g22910	3.19E-06
At1g59750	At2g34520	2.67E-07
At1g32640	At4g22820	2.06E-06
At5g35550	At1g77270	3.18E-07
At5g02030	At4g16110	1.31E-06
At1g03840	At5g07190	6.07E-09
At1g07640	At5g10660	1.33E-06
At4g18960	At1g23710	4.12E-06
At4g18960	At1g61110	5.29E-07
At2g46830	At3g07230	1.59E-08
At4g18960	At2g16720	8.60E-07
At5g10030	At5g19860	3.90E-06
At5g60850	At3g52400	1.10E-06
At2g46830	At5g15830	7.25E-06
At4g18960	At3g54250	2.20E-06
At2g36010	At4g21630	1.16E-06
At2g46830	At1g26400	2.19E-08
At1g24260	At1g66150	1.16E-08
At2g01940	At1g28360	6.07E-09
At3g23240	At1g07430	5.51E-06
At3g30260	At3g06750	1.16E-08
At3g61120	At1g14200	6.27E-09
At2g46830	At1g22630	2.81E-07
At2g46830	At1g21600	1.57E-07
At2g46830	At5g58400	5.75E-06
At2g46830	At3g60830	1.44E-09
At5g35550	At5g02420	7.00E-06
At5g35550	At5g28740	2.30E-07
At1g07640	At4g16110	1.27E-06
At4g18960	At1g68750	4.98E-08
At1g14580	At2g41070	6.07E-09
At1g07640	At1g59910	1.10E-06
At5g15800	At3g25530	2.12E-06
At2g46830	At1g62360	4.47E-08
At5g35550	At5g40350	1.35E-06
At2g46830	At5g62890	3.20E-07
At4g18960	At1g13330	5.94E-06
At4g18960	At1g66530	5.73E-06

Transcription factor	Target Gene	*P*-Value
At1g45249	At4g27410	5.12E-09
At1g45249	At3g62260	1.60E-06
At2g26960	At2g40080	2.70E-08
At4g18960	At5g60250	5.94E-06
At4g18960	At1g71120	5.26E-08
At5g22220	At4g27654	6.57E-08
At2g46830	At1g13070	3.76E-07
At5g65210	At1g27290	4.52E-06
At1g45249	At3g44260	2.87E-06
At4g36730	At1g64500	8.66E-08
At4g28110	At3g46640	2.70E-08
At3g62420	At3g20260	3.95E-06
At3g50410	At1g27730	3.14E-06
At3g55370	At5g05110	4.55E-08
At4g18960	At2g21640	4.28E-06
At5g60850	At3g28715	2.70E-07
At4g25470	At5g50750	6.74E-08
At4g26930	At4g33980	2.70E-08
At2g03710	At1g23480	3.35E-07
At4g18960	At5g56940	1.54E-06
At1g07640	At4g17490	3.14E-06
At4g01120	At1g27730	3.72E-08
At5g35550	At3g48510	2.34E-06
At1g59750	At4g17220	9.99E-07
At2g46830	At1g12360	4.68E-06
At5g60850	At1g63710	3.93E-06
At2g47190	At1g70720	1.35E-06
At3g19290	At1g06570	3.73E-08
At5g26660	At5g42900	2.70E-08
At2g45650	At3g12580	6.27E-09
At3g55370	At5g08460	2.91E-07
At2g03710	At2g45580	9.88E-07
At1g45249	At3g22910	1.33E-09
At4g18960	At2g30390	1.05E-08
At5g66730	At5g09640	6.07E-09
At2g46830	At3g14440	4.53E-06
At2g46830	At4g28810	4.79E-07
At5g60910	At5g44680	1.16E-08
At2g46830	At3g52060	1.06E-06
At4g18960	At4g31850	1.34E-08
At3g02310	At2g26150	6.27E-09
At1g32150	At1g17810	2.56E-09
At1g07640	At1g71691	2.91E-07
At2g46830	At3g04290	7.20E-06
At5g22220	At1g61340	6.57E-08
At3g58780	At5g17380	2.15E-08
At1g49720	At2g15480	1.82E-06
At4g18960	At5g67420	2.62E-09
At5g02030	At1g56010	6.29E-09
At2g36010	At2g33870	3.29E-06
At5g02030	At1g07530	1.81E-06
At2g36010	At3g61190	6.57E-08
At2g47190	At3g27810	1.35E-06
At5g65210	At1g56220	1.66E-08
At4g18960	At1g04670	3.74E-08
At2g03710	At3g25165	4.18E-08
At4g18960	At3g19360	1.11E-06
At1g07640	At5g43930	1.27E-06
At2g22430	At1g68620	2.50E-06
At1g07640	At3g26910	1.10E-06
At2g46830	At3g24830	1.36E-07
At1g59750	At2g31210	4.83E-06
At2g46830	At4g09960	1.48E-06
At2g46830	At5g28900	1.97E-06
At1g49720	At3g02990	2.28E-07
At2g03710	At1g18620	1.16E-08
At3g27810	At5g48250	2.70E-08
At2g36011	At3g01330	4.35E-06
At2g36011	At2g33870	3.29E-06
At2g03710	At1g68620	2.36E-06
At4g18960	At1g10200	3.53E-06
At5g65210	At1g23290	1.68E-07
At4g18960	At5g65790	3.04E-06
At5g66730	At1g03890	6.07E-09
At1g07640	At4g15650	1.33E-06
At4g18960	At3g24140	2.85E-07
At2g46830	At2g17890	2.36E-06
At5g60850	At1g44000	3.35E-07
At2g46830	At5g60220	2.99E-06
At2g46830	At1g23440	6.70E-08
At2g46830	At1g73805	1.88E-06
At4g18960	At1g25260	9.00E-07
At2g46830	At4g12600	4.14E-06
At4g18960	At1g76420	8.72E-07
At4g18960	At2g05790	7.69E-07
At2g22430	At5g35430	5.21E-06
At4g18960	At3g58770	8.72E-07
At2g46830	At2g39050	2.22E-06
At3g50410	At5g39610	4.13E-06
At1g32640	At3g54080	7.96E-07
At3g50410	At1g24260	1.82E-07
At2g46830	At3g61250	2.82E-07
At4g18960	At3g53810	2.89E-07
At4g36730	At1g75100	8.66E-08
At2g46830	At1g21000	5.41E-07
At5g35550	At3g17010	4.38E-06
At2g46830	At1g74360	8.63E-06
At1g22640	At2g38250	2.98E-06
At1g32150	At4g21020	2.56E-09
At4g18960	At1g53260	8.15E-09
At2g36010	At1g34300	5.03E-08
At4g01680	At5g61380	2.70E-08
At2g46830	At1g27370	5.16E-06
At2g46830	At5g08520	6.41E-08
At4g18960	At1g42980	2.10E-08
At4g36730	At1g27100	3.72E-08
At2g46830	At2g04350	2.22E-06
At3g55370	At3g16050	8.90E-08
At3g20770	At4g29780	7.62E-06
At2g46830	At3g03430	4.72E-08
At4g01120	At4g38960	1.39E-08
At2g36010	At3g46770	1.16E-06
At2g16720	At5g39410	2.70E-08
At5g02030	At3g58120	2.97E-07
At4g02670	At5g07190	6.07E-09
At4g18960	At3g03450	8.78E-06
At4g18960	At4g34230	8.42E-06
At1g49720	At5g06980	1.19E-09
At4g18960	At5g65020	2.12E-06
At3g24310	At3g46640	2.70E-08
At4g18960	At5g48560	8.49E-07
At3g50410	At1g05340	8.13E-06
At1g07640	At3g62260	8.13E-06
At2g36010	At2g30020	5.83E-07
At1g68840	At2g29650	4.50E-06
At4g05100	At5g61380	2.70E-08
At1g45249	At3g19580	1.60E-06
At2g03710	At2g42200	1.09E-07
At3g50700	At2g41070	6.07E-09
At2g35530	At2g31380	8.66E-08
At2g46830	At3g53810	2.34E-09
At5g02030	At5g45360	6.66E-07
At4g18960	At4g10960	7.17E-06
At1g69120	At5g12200	1.27E-06
At2g46830	At5g16680	3.64E-06
At2g46830	At2g43320	6.13E-06
At2g46830	At3g13640	7.37E-06
At3g02310	At1g66150	1.16E-08
At2g02080	At1g03890	6.07E-09
At5g02030	At5g07220	3.33E-06
At2g46830	At1g56320	1.64E-07
At2g46830	At5g59820	6.84E-06
At4g18960	At2g27260	1.28E-06
At4g18960	At4g36040	5.81E-06
At1g69120	At5g48870	2.66E-06
At2g47190	At3g17160	3.55E-06
At2g02080	At5g57390	6.07E-09
At5g13790	At3g28980	1.55E-07
At2g45650	At1g66150	1.16E-08
At5g12870	At5g61380	2.70E-08
At3g02310	At1g14200	6.27E-09
At4g18960	At5g22810	5.26E-08
At2g47190	At4g34400	7.48E-06
At1g07640	At1g63720	8.13E-06
At4g18960	At1g72770	1.20E-06
At4g18960	At4g00990	5.73E-06
At2g35530	At4g27657	3.72E-08
At3g50410	At3g51770	1.27E-06
At4g18960	At3g29035	4.02E-06
At2g46830	At3g44260	8.27E-06
At5g10030	At3g14310	2.97E-07
At5g15800	At3g04960	3.42E-08

Transcription factor	Target Gene	*P*-Value
At1g07640	At5g08460	2.91E-07
At2g22430	At5g04340	8.05E-06
At4g18960	At4g00480	1.92E-06
At3g58780	At1g80840	4.45E-06
At4g05100	At3g46640	2.70E-08
At2g03710	At1g61680	9.88E-07
At2g35530	At1g23710	3.72E-08
At1g49720	At5g42290	2.28E-07
At4g18960	At2g01210	8.38E-07
At2g03710	At1g23080	3.38E-06
At1g45249	At5g53220	2.56E-09
At2g36011	At1g23540	3.29E-06
At3g19290	At2g25890	8.05E-08
At5g60850	At1g23710	8.13E-06
At4g18960	At1g11040	2.10E-07
At1g45249	At3g46640	5.34E-08
At4g18960	At3g05560	9.55E-08
At4g18960	At5g41600	2.20E-06
At4g18960	At5g61770	8.51E-08
At4g18960	At1g50900	3.07E-09
At4g01120	At1g64500	8.66E-08
At4g09460	At4g16146	2.70E-08
At2g36010	At5g07810	4.35E-06
At4g18960	At3g04960	3.42E-08
At3g61120	At5g35320	6.27E-09
At2g03710	At3g26910	2.11E-07
At2g46830	At2g21050	5.85E-06
At2g46830	At3g14090	9.00E-06
At2g46830	At4g05100	4.53E-06
At4g18960	At4g14695	8.78E-06
At1g68840	At1g23080	1.34E-06
At2g46270	At2g41730	8.05E-09
At1g49720	At2g19320	2.56E-09
At5g35550	At2g13690	7.67E-07
At2g14210	At2g34440	1.61E-08
At1g22640	At5g24470	5.92E-06
At5g35550	At1g07430	2.34E-06
At4g18960	At2g02390	9.32E-07
At1g59750	At3g22210	6.97E-07
At1g25250	At1g65090	6.07E-09
At1g59750	At2g45170	1.06E-06
At5g10030	At2g20740	3.90E-06
At3g58780	At3g26140	6.87E-08
At2g46830	At4g17460	2.26E-07
At1g45249	At3g54500	1.19E-09
At3g61120	At1g10020	1.16E-08
At4g18960	At1g22130	3.20E-06
At4g18960	At2g21490	6.69E-06
At2g46830	At1g32960	1.67E-06
At3g50410	At4g36500	7.91E-06
At4g18960	At2g31380	4.39E-07
At2g46830	At4g17340	1.22E-06
At5g10030	At1g17950	1.12E-07
At1g49720	At3g02380	1.09E-08
At1g49720	At3g01970	1.28E-07
At2g27050	At2g42990	3.06E-09
At1g59750	At2g38130	3.27E-06
At1g59750	At2g30390	6.97E-07
At2g22430	At4g04640	2.05E-06
At5g60850	At5g04340	8.13E-06
At5g55020	At2g40080	2.70E-08
At4g18960	At3g01660	1.05E-08
At2g22430	At2g20050	5.21E-06
At5g65210	At5g61380	2.66E-09
At2g46830	At2g22900	8.90E-06
At5g02030	At3g17360	7.28E-06
At1g32640	At2g21480	1.35E-07
At2g46830	At3g54350	2.49E-06
At5g60850	At3g15500	4.13E-06
At2g46830	At3g12960	1.50E-06
At5g60850	At2g02970	1.27E-06
At1g49720	At1g64500	1.09E-08
At2g46830	At2g29040	3.81E-07
At1g59750	At3g21710	9.99E-07
At4g18960	At2g22950	3.67E-06
At2g46830	At5g03380	9.60E-08
At5g65210	At4g16520	1.66E-08
At4g28110	At5g42900	2.70E-08
At1g32640	At3g04690	1.35E-07
At4g18960	At5g62890	2.12E-06
At4g18960	At1g62300	5.27E-06
At2g46830	At4g16680	5.45E-09
At4g18960	At1g22985	3.84E-06
At3g55370	At1g23600	3.93E-06
At5g60850	At3g17840	9.36E-06
At4g18960	At1g74560	1.54E-06
At4g18960	At3g14070	2.31E-06
At4g25490	At4g32830	4.88E-07
At2g46830	At5g12200	2.94E-07
At4g18960	At4g12700	8.38E-07
At1g68840	At1g56600	4.77E-07
At2g46830	At4g15430	3.32E-06
At3g55370	At3g24620	1.33E-06
At5g35550	At5g56780	8.97E-06
At1g49720	At5g57660	1.19E-09
At2g46830	At2g23580	2.49E-06
At2g46830	At2g24540	2.45E-07
At2g46830	At2g37630	7.76E-07
At4g18960	At5g62020	5.19E-06
At5g02030	At3g51770	1.31E-06
At5g65210	At3g54340	1.87E-06
At1g22640	At4g16146	2.70E-08
At4g18960	At5g55160	6.53E-06
At1g45249	At5g54070	2.56E-09
At4g18960	At3g20630	2.09E-06
At2g46830	At1g04700	5.55E-06
At4g18960	At3g54350	3.23E-08
At2g46830	At1g29690	5.76E-07
At2g46830	At2g27380	4.04E-06
At5g35550	At1g70720	1.35E-06
At1g07640	At2g26530	7.91E-06
At1g07640	At4g30590	2.91E-07
At2g46830	At1g69490	5.41E-07
At5g60850	At1g15880	2.70E-07
At5g06960	At3g05020	8.30E-07
At4g18960	At4g15650	8.60E-07
At5g10030	At2g26730	2.97E-07
At5g02030	At1g14940	1.41E-06
At2g36010	At1g16705	3.25E-06
At4g18960	At2g41250	7.43E-07
At4g18960	At4g28810	8.15E-09
At1g49720	At5g53220	2.56E-09
At2g35530	At3g63040	2.56E-09
At1g59750	At5g08000	6.47E-06
At2g46830	At1g69260	3.71E-06
At4g18960	At3g52060	6.22E-07
At2g46830	At3g16870	2.76E-06
At1g22640	At3g02310	3.06E-09
At3g23240	At3g10640	8.72E-07
At2g22430	At3g23130	1.47E-06
At2g46830	At3g62550	2.13E-06
At4g18960	At3g07510	7.69E-07
At2g46830	At1g49490	6.75E-08
At2g46830	At5g15630	8.65E-06
At3g50700	At1g65090	6.07E-09
At4g18960	At4g00355	9.32E-06
At2g46830	At5g40350	5.25E-06
At1g07640	At1g63470	9.36E-06
At1g49720	At1g27100	4.54E-07
At3g50410	At5g63600	9.20E-06
At4g18960	At3g02000	8.72E-07
At3g50410	At5g46350	3.03E-08
At2g46830	At1g31050	7.88E-07
At1g59750	At4g16110	2.55E-07
At3g11440	At4g33980	2.70E-08
At5g65210	At4g33980	2.66E-09
At2g36011	At2g45610	3.29E-06
At1g45249	At4g37370	5.68E-09
At5g60850	At5g10660	1.33E-06
At3g02310	At1g11040	1.61E-08
At2g46830	At2g27580	2.63E-07
At2g47190	At2g38110	1.35E-06
At2g47190	At5g55230	7.67E-07
At4g25490	At5g60930	4.88E-07
At3g50410	At1g23600	3.93E-06
At4g18960	At1g22380	5.00E-06
At1g25250	At1g28360	6.07E-09
At3g58780	At1g16490	1.90E-08
At5g26660	At5g48250	2.70E-08
At2g46830	At4g14540	7.93E-08
At5g60910	At4g01330	1.16E-08
At2g46830	At4g34320	2.29E-06

Transcription factor	Target Gene	*P*-Value
At4g38620	At5g62190	2.11E-06
At4g18960	At1g52740	1.82E-06
At2g46830	At1g16705	2.98E-09
At1g32640	At3g46620	4.30E-06
At3g23240	At5g62020	9.54E-06
At4g18960	At5g51030	8.65E-07
At3g30260	At5g61620	1.61E-08
At4g18960	At4g16680	2.10E-08
At1g13260	At2g31380	9.83E-06
At2g46830	At5g04760	2.10E-06
At2g46830	At4g16390	5.12E-06
At1g45249	At1g12360	2.38E-06
At2g46830	At2g46860	2.36E-06
At4g05100	At4g33980	2.70E-08
At4g18960	At2g15010	6.52E-06
At2g03710	At5g44680	1.16E-08
At1g32640	At5g48140	4.81E-06
At2g46830	At3g62130	6.85E-06
At4g18960	At3g04550	1.95E-06
At1g14580	At5g07190	6.07E-09
At4g18960	At5g05950	4.68E-06
At2g46830	At3g05200	7.56E-06
At4g18960	At1g73410	3.50E-07
At5g15800	At3g58120	1.16E-08
At1g26310	At2g34440	1.61E-08
At2g46830	At2g29470	7.49E-07
At1g32640	At2g06850	2.10E-06
At5g44160	At1g65090	6.07E-09
At2g46270	At5g16200	3.72E-08
At1g22640	At3g46640	2.70E-08
At4g38620	At1g74950	1.11E-06
At2g46830	At3g42960	5.88E-07
At3g55370	At3g15500	4.13E-06
At5g15800	At4g36540	1.16E-08
At3g09230	At2g17450	5.79E-07
At2g46830	At5g60930	1.33E-07
At3g23240	At3g24250	3.82E-09
At2g46830	At4g31880	1.03E-06
At5g60910	At1g10680	1.61E-08
At3g55370	At5g48270	1.33E-06
At4g18960	At3g46520	4.01E-09
At4g18960	At2g41610	5.47E-06
At5g61850	At3g62130	5.33E-06
At2g46830	At2g28400	2.54E-06
At5g65210	At5g49450	4.52E-06
At1g45249	At5g66780	2.28E-07
At1g68840	At3g61910	7.31E-06
At4g18960	At4g09800	3.01E-06
At4g18960	At3g27810	1.38E-06
At3g19290	At2g21490	8.05E-08
At5g02030	At4g37530	3.33E-06
At3g58780	At5g09550	1.55E-07
At1g35515	At4g16146	2.70E-08
At2g46830	At3g43320	4.79E-07
At5g10030	At3g22780	6.56E-06
At1g59750	At1g06170	4.83E-06
At4g29940	At5g60410	1.28E-09
At5g03150	At1g28360	6.07E-09
At1g45249	At1g74930	2.87E-06
At5g35550	At1g73410	1.77E-06
At2g46270	At3g09600	1.39E-08
At5g35550	At5g28770	3.02E-06
At3g19290	At3g52400	8.83E-06
At2g46830	At1g20910	7.55E-07
At5g35550	At5g42780	1.61E-07
At1g45249	At3g51510	5.52E-07
At3g55370	At4g01250	1.10E-06
At2g01940	At2g41070	6.07E-09
At1g59750	At5g43930	2.55E-07
At1g07640	At3g08720	8.13E-06
At5g22220	At4g29780	6.57E-08
At3g61120	At1g69180	2.00E-09
At4g18960	At4g18370	6.27E-06
At5g35550	At5g48250	5.92E-06
At2g46830	At4g31850	1.57E-07
At4g18960	At1g76590	1.62E-06
At5g35550	At5g22920	3.02E-06
At1g45249	At4g05020	5.68E-09
At5g35550	At4g12700	1.61E-07
At4g18960	At5g57390	2.76E-07
At1g59750	At2g02970	2.55E-07
At1g32150	At4g10020	2.56E-09
At5g60850	At4g30590	2.91E-07
At5g02030	At3g06750	2.97E-07
At1g26310	At1g66150	1.16E-08
At4g18960	At1g32990	6.87E-07
At1g69120	At1g10020	1.16E-08
At1g22640	At4g33980	2.70E-08
At2g46830	At2g23450	1.94E-06
At2g46830	At3g45030	3.43E-07
At2g46830	At5g65700	8.98E-06
At3g58780	At1g02190	8.78E-06
At2g16720	At5g42900	2.70E-08
At2g46830	At5g62000	3.58E-07
At5g54230	At1g17665	2.70E-08
At1g75390	At3g50070	3.95E-06
At3g50410	At4g13235	9.20E-06
At2g46830	At3g28630	4.94E-06
At5g65210	At5g04040	4.52E-06
At1g18570	At3g46640	2.70E-08
At2g36010	At1g23420	1.16E-06
At4g18960	At3g28860	5.87E-06
At2g46830	At3g16450	4.04E-07
At3g55370	At1g77270	4.26E-08
At2g03710	At3g61190	1.39E-06
At2g47190	At3g57540	5.05E-06
At5g02030	At1g22440	1.82E-06
At4g18960	At1g04020	7.15E-08
At1g59750	At1g07010	5.73E-08
At3g58780	At3g28980	1.55E-07
At1g32640	At5g16200	2.46E-07
At2g46830	At2g23840	4.56E-07
At4g18960	At5g15310	3.44E-06
At1g26310	At4g01330	1.16E-08
At3g02310	At5g44680	1.16E-08
At2g46830	At3g29035	3.38E-07
At1g24260	At5g26150	1.61E-08
At4g18960	At2g20230	3.84E-06
At1g32640	At3g61190	4.30E-06
At3g19290	At3g53370	8.05E-08
At3g50410	At5g39520	4.13E-06
At3g30260	At1g66150	1.16E-08
At4g18960	At1g29690	6.48E-06
At5g60850	At5g38030	9.20E-06
At1g18570	At5g48250	2.70E-08
At4g18960	At1g15740	1.13E-06
At1g07640	At1g14440	9.36E-06
At4g38620	At3g21890	6.44E-06
At2g03710	At5g59820	2.59E-06
At1g26310	At3g06750	1.16E-08
At4g18960	At4g34520	1.89E-07
At5g10280	At5g42900	2.70E-08
At1g59750	At1g20150	4.83E-06
At1g55110	At1g65090	6.07E-09
At4g38620	At4g35700	7.91E-07
At4g36730	At1g27730	3.72E-08
At5g60850	At5g12460	2.91E-07
At5g13790	At5g09550	1.55E-07
At4g18960	At5g18150	8.66E-09
At2g46830	At1g19180	9.04E-09
At5g15800	At1g73260	1.89E-08
At3g02310	At1g07350	6.27E-09
At1g07640	At5g44620	4.26E-08
At5g02030	At3g29035	6.29E-09
At4g18960	At4g31230	1.72E-06
At4g18960	At1g23480	2.62E-09
At1g25250	At5g57390	6.07E-09
At1g24260	At1g10020	1.16E-08
At2g03710	At5g22810	2.91E-06
At3g20770	At2g21045	3.32E-06
At4g18960	At1g74930	2.03E-07
At5g02030	At3g05200	1.81E-06
At3g02310	At1g14280	1.16E-08
At3g23240	At5g50750	3.82E-09
At2g22430	At2g22900	1.93E-06
At4g18960	At3g15030	7.79E-06
At2g47190	At3g62420	8.07E-07
At1g22640	At4g32940	5.82E-06
At5g15800	At3g12580	6.27E-09
At1g68840	At5g06980	4.50E-06
At1g32640	At1g74950	3.57E-07
At3g61120	At1g11040	1.61E-08

Transcription factor	Target Gene	*P*-Value
At2g46830	At1g11210	6.65E-06
At3g09230	At5g35910	6.83E-06
At2g45650	At2g34440	1.61E-08
At4g18960	At5g06870	3.42E-06
At1g49720	At3g15500	1.33E-09
At4g34590	At1g32930	3.95E-06
At5g13790	At3g14380	4.43E-06
At3g55370	At1g63710	3.93E-06
At5g66730	At1g28360	6.07E-09
At2g46830	At1g23120	4.11E-08
At1g59750	At1g66970	6.97E-07
At3g58780	At1g22380	4.43E-06
At4g21440	At5g48250	2.70E-08
At2g26960	At1g28050	2.70E-08
At1g59750	At1g19780	3.47E-06
At4g38620	At3g46620	9.58E-06
At1g49720	At1g77450	4.60E-07
At2g46830	At5g50170	1.99E-06
At1g25250	At3g01570	6.07E-09
At3g09230	At1g32790	8.89E-06
At1g22640	At5g18780	5.82E-06
At2g14210	At1g10680	1.61E-08
At1g35515	At5g42900	2.70E-08
At2g47190	At3g62300	7.67E-07
At2g47190	At5g21170	3.02E-06
At4g18960	At4g30390	4.01E-09
At4g38620	At5g06360	2.11E-06
At4g18960	At3g51290	7.47E-06
At1g59750	At1g01280	4.83E-06
At1g24260	At2g19040	1.61E-08
At4g18960	At1g46768	2.69E-06
At2g46830	At4g25570	2.26E-07
At5g15800	At1g74310	6.27E-09
At4g18960	At5g39870	4.45E-06
At5g10030	At2g33860	6.31E-06
At4g18960	At4g27860	6.67E-06
At4g18960	At1g48920	8.51E-08
At2g03710	At4g01330	1.16E-08
At2g03710	At3g06750	1.16E-08
At5g03150	At2g41070	6.07E-09
At4g18960	At4g11175	1.27E-07
At2g46830	At5g16460	4.98E-06
At4g18960	At1g51070	2.12E-06
At1g07640	At5g60210	9.36E-06
At2g47190	At1g17950	1.77E-06
At2g03710	At3g12580	6.27E-09
At2g36010	At4g27652	6.57E-08
At5g15800	At1g24260	3.42E-08
At2g46830	At3g02990	1.50E-06
At4g01120	At4g27657	3.72E-08
At4g18960	At2g28440	9.50E-06
At4g18960	At1g55530	4.01E-09
At1g49720	At1g74360	1.82E-06
At2g46830	At3g05020	8.90E-06
At2g46830	At2g43060	4.98E-08
At2g46830	At1g66500	6.19E-07
At3g55370	At2g26330	9.36E-06
At2g36010	At2g45490	4.35E-06
At4g18960	At2g39000	1.99E-07
At2g22430	At2g26150	5.34E-06
At2g01940	At5g10510	6.07E-09
At4g18960	At2g34440	2.10E-07
At4g18960	At1g75710	1.99E-06
At1g74650	At1g28050	2.70E-08
At4g18960	At5g40890	5.74E-06
At3g30260	At1g10680	1.61E-08
At2g46830	At3g54080	1.06E-06
At3g55370	At4g29030	9.36E-06
At5g60850	At2g28400	8.13E-06
At2g46830	At5g64940	1.69E-06
At5g10280	At5g39410	2.70E-08
At2g46830	At2g27170	4.55E-07
At2g46830	At5g50360	7.70E-06
At2g46830	At5g32440	2.34E-06
At4g18960	At1g06500	5.89E-06
At4g18960	At5g46770	4.11E-06
At2g22430	At3g50960	1.93E-06
At5g60850	At3g26910	1.10E-06
At4g18960	At2g21480	6.30E-06
At5g15800	At3g17010	2.00E-09
At5g35550	At1g22170	1.61E-07
At1g59750	At3g02790	2.67E-07
At4g18960	At1g23380	2.63E-09
At4g18960	At1g30350	4.87E-07
At5g10280	At4g33980	2.70E-08
At2g46830	At3g10770	1.56E-06
At3g55370	At3g54340	1.82E-07
At2g46830	At3g28560	1.14E-06
At1g24260	At2g20560	6.27E-09
At4g18960	At4g31550	6.48E-06
At4g18960	At5g62280	3.57E-07
At2g46830	At1g66160	2.07E-07
At1g49720	At1g06040	1.19E-09
At2g32460	At3g46640	2.70E-08
At1g45249	At2g44840	2.87E-06
At1g24260	At1g69120	2.00E-09
At2g46830	At1g49720	1.34E-06
At2g46830	At1g77580	9.40E-08
At1g24260	At4g34400	2.00E-09
At1g49720	At5g02810	1.19E-09
At4g28110	At5g48250	2.70E-08
At3g30260	At2g19040	1.61E-08
At2g46830	At4g10020	6.27E-06
At4g18960	At1g69420	5.87E-06
At2g46830	At5g17300	1.37E-07
At2g46830	At3g03310	4.41E-06
At2g46830	At2g18300	8.36E-07
At3g55370	At5g39610	4.13E-06
At2g18160	At3g62260	6.80E-06
At3g61120	At1g08150	1.61E-08
At1g59750	At2g45650	8.91E-06
At2g46830	At3g22910	8.82E-07
At5g35550	At3g62300	7.67E-07
At3g01140	At4g33980	2.70E-08
At5g60850	At1g02190	1.82E-07
At1g69120	At1g33240	1.16E-08
At4g18960	At5g53050	3.42E-06
At2g46830	At5g48400	1.67E-06
At4g18960	At1g32210	4.68E-06
At2g46830	At3g13960	2.03E-07
At2g46830	At5g13350	7.41E-06
At1g45249	At1g31480	2.56E-09
At4g18960	At2g26250	1.70E-06
At2g46830	At5g63670	1.23E-06
At4g18960	At5g07330	3.54E-07
At5g60850	At5g48270	1.33E-06
At2g46830	At5g04340	6.84E-06
At4g18960	At1g02190	8.01E-07
At2g46830	At5g22920	5.15E-06
At2g47190	At5g59820	3.40E-06
At3g58780	At1g61870	8.51E-08
At5g02030	At3g22500	1.41E-06
At2g22430	At5g04040	3.52E-06
At4g18960	At3g57490	3.90E-06
At1g24260	At1g08150	1.61E-08
At2g46830	At3g02140	8.42E-06
At2g46830	At3g61190	1.05E-07
At5g35550	At2g18300	2.81E-08
At2g46830	At5g28740	1.86E-07
At2g35530	At1g17810	2.56E-09
At5g60850	At1g16760	1.33E-06
At2g46830	At2g42760	1.46E-06
At5g13790	At5g61770	8.51E-08
At1g75390	At1g73620	3.95E-06
At2g46830	At3g06770	4.18E-07
At1g32640	At5g13190	2.99E-07
At4g18960	At1g54560	4.98E-08
At4g36730	At1g07180	8.66E-08
At3g58780	At3g03380	2.09E-06
At4g01120	At2g04050	8.05E-09
At5g35550	At1g26310	7.48E-06
At4g01120	At2g41730	8.05E-09
At4g18960	At1g23420	6.87E-08
At2g46830	At1g28330	6.41E-08
At2g46830	At2g44190	1.33E-07
At2g46830	At2g45850	1.57E-07
At5g35550	At2g28400	3.01E-08
At4g18960	At3g02110	1.99E-06
At1g75390	At2g31930	3.06E-06
At5g02030	At1g67310	1.81E-06
At4g18960	At4g34090	2.54E-07
At4g38620	At5g16500	7.91E-07

Transcription factor	Target Gene	*P*-Value
At2g46830	At2g21170	7.80E-08
At2g46830	At4g18880	5.40E-08
At5g02030	At1g03240	1.31E-06
At2g46830	At5g67200	5.39E-07
At2g46830	At2g19350	4.41E-06
At2g46830	At1g22330	2.73E-07
At2g46830	At4g24620	3.20E-07
At3g50410	At1g29690	1.10E-06
At4g18960	At4g14770	1.92E-06
At2g46830	At1g18880	6.19E-07
At4g18960	At4g09960	5.82E-07
At2g46830	At2g03520	2.19E-08
At2g46830	At4g29735	1.06E-06
At4g18960	At3g19580	1.37E-06
At2g46830	At3g44250	8.64E-06
At4g18960	At1g70290	2.34E-06
At4g18960	At5g06460	1.13E-08
At5g15800	At1g33240	1.16E-08
At4g29940	At2g39190	1.28E-09
At3g58780	At2g31945	2.15E-08
At1g75390	At3g20260	3.95E-06
At2g46830	At2g13540	1.80E-07
At5g35550	At3g14050	3.01E-08
At1g32640	At5g01890	7.96E-07
At1g18570	At4g16146	2.70E-08
At5g35550	At2g38110	1.35E-06
At2g46830	At5g50320	1.83E-07
At1g45249	At3g14050	5.12E-09
At2g46830	At3g47660	7.41E-06
At2g46830	At4g34600	1.18E-08
At4g18960	At5g58050	7.18E-06
At4g34990	At5g39410	2.70E-08
At5g60850	At1g34670	9.20E-06
At2g46830	At3g01530	2.21E-06
At3g58780	At3g28780	1.55E-07
At1g32640	At1g70700	3.57E-07
At4g18960	At3g07650	1.12E-06
At5g15800	At3g54340	3.42E-08
At5g65210	At3g53600	3.19E-06
At4g01680	At5g42900	2.70E-08
At2g46830	At5g54650	1.14E-06
At4g18960	At5g60890	6.67E-06
At2g46830	At2g31380	9.63E-07
At2g46270	At2g46790	1.01E-09
At2g46830	At3g24660	5.85E-06
At3g30260	At5g61850	2.00E-09
At4g18960	At3g21710	8.49E-07
At4g18960	At5g23970	2.34E-06
At3g02310	At2g34440	1.61E-08
At4g34590	At2g28400	6.80E-06
At2g46830	At4g00990	4.23E-06
At5g60850	At1g63720	8.13E-06
At2g47190	At1g28470	1.77E-06
At4g18960	At1g12610	2.03E-07
At2g46830	At1g02400	4.73E-06
At1g32640	At4g04980	1.35E-07
At1g32640	At1g35490	4.81E-06
At5g60850	At1g77270	4.26E-08
At2g46830	At4g21980	6.95E-06
At2g03710	At1g17020	7.17E-06
At2g46830	At2g26250	7.60E-07
At4g18960	At2g34600	2.03E-07
At1g68840	At4g28380	7.31E-06
At4g18960	At2g17410	3.23E-08
At2g46830	At3g10320	6.95E-06
At2g46830	At2g24210	1.54E-06
At4g05100	At5g39410	2.70E-08
At4g18960	At3g22160	2.11E-07
At2g45650	At5g60010	1.61E-08
At2g36011	At4g14695	3.25E-06
At4g18960	At1g68850	9.43E-07
At4g18960	At2g15400	3.53E-06
At1g49720	At1g32870	5.68E-09
At2g46830	At1g52980	4.62E-06
At3g19290	At1g17665	2.40E-08
At5g02030	At5g63810	1.39E-06
At2g46830	At1g79270	5.45E-06
At5g35550	At3g01690	7.45E-06
At5g44160	At1g03890	6.07E-09
At1g74650	At4g33980	2.70E-08
At2g46830	At1g23040	1.49E-07
At1g49720	At1g23710	4.54E-07
At5g15800	At1g69120	2.00E-09
At4g25470	At3g10590	6.74E-08
At1g59750	At5g15800	8.91E-06
At1g07640	At2g38470	7.91E-06
At2g03710	At5g04540	8.88E-07
At2g46830	At2g39900	3.70E-07
At3g50410	At1g15350	2.70E-07
At4g18960	At1g14420	5.78E-08
At1g49720	At3g06490	1.33E-09
At1g32640	At1g75500	2.10E-06
At2g46830	At2g28950	7.20E-06
At4g29940	At2g40140	9.62E-06
At2g36010	At1g06970	3.29E-06
At1g59750	At5g01360	9.99E-07
At5g15800	At4g18060	2.12E-06
At4g18960	At1g02800	1.44E-06
At5g60850	At1g69490	4.13E-06
At2g02080	At3g10200	6.07E-09
At4g18960	At1g14345	6.42E-07
At5g02030	At4g38540	6.29E-09
At2g46830	At5g06690	1.04E-06
At3g27810	At1g28050	2.70E-08
At4g18960	At1g66360	1.75E-06
At4g18960	At3g51070	5.29E-06
At4g25490	At2g44190	4.88E-07
At5g02030	At2g36720	4.25E-06
At2g46830	At1g76420	2.03E-07
At2g46830	At4g24570	1.57E-07
At5g35550	At5g13080	8.10E-06
At2g46830	At4g10960	4.65E-06
At4g18960	At4g30130	8.54E-06
At2g46830	At5g56510	2.59E-06
At3g58780	At2g13570	1.55E-07
At5g60850	At2g38470	7.91E-06
At1g24260	At1g07350	6.27E-09
At1g45249	At5g50360	2.28E-07
At3g09230	At1g15400	8.89E-06
At2g02080	At5g09640	6.07E-09
At2g46830	At1g68640	2.03E-07
At4g18960	At1g77770	3.35E-07
At1g59750	At4g28000	3.47E-06
At4g18960	At4g10270	1.46E-06
At2g46830	At4g00238	2.43E-06
At4g38620	At3g62640	7.91E-07
At2g46830	At2g05790	9.25E-07
At2g46830	At5g58260	9.29E-06
At2g47190	At5g15530	1.61E-07
At4g18960	At2g41160	4.01E-09
At2g46830	At1g26670	3.77E-07
At3g09230	At1g15940	6.83E-06
At5g35550	At1g68520	4.89E-09
At2g22430	At4g34600	6.41E-08
At2g46830	At3g21870	2.05E-09
At1g75390	At3g62260	6.80E-06
At2g46830	At1g69070	9.16E-06
At3g62420	At1g15740	2.59E-08
At1g59750	At3g57620	4.83E-06
At1g49720	At5g67030	1.19E-09
At2g46830	At2g24550	1.07E-07
At2g46830	At3g59820	3.55E-08
At2g46830	At1g70760	2.81E-07
At1g49720	At2g28400	1.60E-06
At2g46830	At1g06570	9.15E-07
At2g03710	At3g24500	6.27E-09
At2g46830	At3g56100	5.39E-07
At5g61850	At5g42820	5.33E-06
At2g46830	At1g26880	6.72E-06
At3g50410	At3g11660	4.55E-08
At1g45249	At4g29780	2.87E-06
At4g18960	At5g23830	3.04E-06
At3g50410	At2g21045	9.20E-06
At4g18960	At1g06570	2.11E-06
At1g32640	At1g72770	2.06E-06
At2g46830	At3g54620	3.23E-07
At2g46830	At5g58330	5.79E-08
At3g58780	At2g45580	4.43E-06
At5g60850	At5g08000	9.36E-06
At5g10030	At2g34790	1.12E-07
At2g46830	At5g57345	3.13E-07
At1g07640	At3g52400	1.10E-06

Transcription factor	Target Gene	*P*-Value
At2g46830	At4g05590	1.93E-06
At4g18960	At4g21590	1.28E-06
At2g36010	At5g41740	3.41E-06
At3g50410	At3g16720	3.14E-06
At3g30260	At5g35320	6.27E-09
At4g18960	At3g05960	3.74E-08
At4g18960	At2g43050	1.49E-08
At5g13790	At3g28790	1.55E-07
At5g35550	At1g35710	5.86E-08
At2g46830	At2g15890	6.41E-08
At1g26310	At1g10020	1.16E-08
At4g34590	At1g73620	3.95E-06
At2g03710	At3g49940	3.35E-07
At2g46830	At3g52400	2.01E-06
At2g46830	At5g09730	3.36E-06
At2g18160	At1g69260	6.80E-06
At3g55370	At1g02190	1.82E-07
At5g15800	At3g01970	1.89E-08
At3g55370	At2g34620	3.35E-07
At4g18960	At2g26200	5.35E-07
At2g46830	At5g14370	4.47E-08
At1g32640	At5g43700	2.10E-06
At2g46830	At4g33330	3.24E-07
At2g46830	At3g14740	1.44E-07
At2g46830	At5g12340	4.98E-06
At2g46830	At5g60500	7.12E-06
At1g07640	At4g22920	4.55E-08
At2g46830	At4g27530	4.70E-06
At2g22430	At2g20560	5.34E-06
At2g46830	At4g32490	2.49E-06
At2g46830	At2g35340	4.47E-08
At4g18960	At1g15400	6.22E-07
At2g46830	At3g07310	2.54E-06
At1g49720	At3g10640	2.38E-06
At2g46830	At1g70720	7.09E-07
At1g75390	At1g32770	3.06E-06
At4g18960	At5g05410	2.59E-06
At2g46830	At3g24220	6.70E-07
At2g47190	At5g64380	2.81E-08
At4g18960	At1g07000	2.35E-07
At4g18960	At1g09540	1.90E-08
At2g46830	At5g15120	1.57E-06
At3g55370	At2g37630	9.36E-06
At5g13790	At1g72680	2.15E-08
At3g62420	At1g63470	3.95E-06
At2g46830	At2g20560	2.88E-06
At4g18960	At1g78060	3.37E-06
At2g46830	At2g22400	3.55E-08
At4g18960	At1g01725	9.14E-07
At2g46830	At2g02870	3.43E-06
At2g46830	At3g28830	4.72E-08
At2g46830	At3g03470	1.49E-07
At2g36011	At3g04960	3.25E-06
At1g45249	At5g63790	1.60E-06
At4g18960	At3g63130	3.90E-06
At4g21440	At5g42900	2.70E-08
At4g34990	At2g40080	2.70E-08
At2g47190	At1g18620	2.81E-08
At2g46830	At3g48020	6.95E-06
At4g18960	At1g49720	1.12E-06
At1g22640	At3g13640	3.06E-09
At3g19290	At3g07650	2.40E-08
At2g14210	At5g44680	1.16E-08
At2g46830	At1g79720	5.18E-07
At5g12870	At4g16146	2.70E-08
At4g18960	At2g32190	2.13E-06
At2g46830	At4g24160	5.74E-06
At5g13790	At2g39190	2.09E-06
At2g46830	At5g05280	3.76E-07
At2g03710	At3g60830	3.53E-06
At1g69120	At5g60140	2.72E-07
At2g46830	At1g06990	2.17E-07
At1g59750	At5g43940	3.27E-06
At1g68130	At1g28360	6.07E-09
At2g46830	At3g06220	3.12E-08
At2g46830	At5g48360	5.39E-07
At4g18960	At3g26210	7.01E-07
At4g18960	At5g14660	5.31E-06
At3g19290	At5g02020	3.73E-08
At5g06100	At1g28050	2.70E-08
At1g07640	At2g31945	4.13E-06
At4g18960	At2g40140	6.35E-06
At2g46830	At4g07960	5.55E-06
At4g18960	At2g33690	4.98E-08
At5g60850	At1g59860	8.90E-08
At2g46830	At3g14600	4.62E-06
At4g21440	At4g16146	2.70E-08
At5g60850	At3g28500	1.82E-07
At1g07640	At5g51750	9.36E-06
At2g46830	At5g09460	3.83E-06
At3g09230	At3g28730	6.83E-06
At3g19290	At2g38470	8.83E-06
At2g03710	At2g41730	8.88E-07
At4g18960	At3g55190	6.59E-06
At5g35550	At1g09940	2.98E-06
At1g59750	At5g64140	2.67E-07
At2g46830	At2g01060	2.01E-08
At2g46830	At1g32810	1.92E-07
At2g46830	At1g18170	2.57E-08
At5g35550	At1g68090	3.79E-06
At1g32640	At4g29780	2.84E-06
At2g46830	At1g23860	2.45E-07
At4g25470	At3g19550	7.46E-07
At3g55370	At2g38470	7.91E-06
At2g46830	At1g27290	7.88E-06
At4g38620	At2g40370	6.84E-06
At4g28110	At4g33980	2.70E-08
At2g46270	At4g05020	8.05E-09
At1g32640	At5g59820	4.30E-06
At2g46830	At1g23540	3.80E-06
At1g32640	At5g57050	2.06E-06
At4g18960	At3g16190	9.14E-07
At5g65210	At3g46640	2.66E-09
At1g68840	At1g21880	2.97E-06
At2g46830	At1g67430	2.58E-06
At5g15800	At1g07350	6.27E-09
At2g46830	At5g46700	8.98E-06
At5g06960	At2g03200	1.12E-07
At5g60850	At5g23830	9.20E-06
At2g46830	At2g33870	3.80E-06
At4g18960	At1g33680	2.09E-06
At5g16770	At1g28050	2.70E-08
At1g69120	At4g32940	1.27E-06
At2g46830	At3g10530	3.55E-08
At5g35550	At4g30590	6.78E-07
At2g46830	At3g58710	1.25E-06
At4g18960	At4g14780	2.96E-07
At4g26930	At5g48250	2.70E-08
At4g01120	At1g32870	8.05E-09
At1g32640	At5g15110	4.81E-06
At2g46830	At3g10570	3.38E-07
At4g18960	At5g46795	5.29E-06
At3g02310	At3g07090	6.27E-09
At2g46830	At5g35790	7.78E-06
At3g09230	At1g26820	2.70E-06
At5g13790	At1g32770	1.90E-08
At3g50410	At2g34620	3.35E-07
At2g46830	At2g33520	6.70E-07
At4g18960	At3g15840	2.85E-07
At2g46830	At2g38110	2.67E-07
At2g46830	At1g55570	4.72E-08
At5g26660	At5g61380	2.70E-08
At1g69120	At2g17450	5.51E-06
At3g50410	At2g04790	3.35E-07
At4g18960	At1g17810	6.52E-06
At2g46830	At3g54900	1.39E-06
At3g50410	At2g18280	2.70E-07
At2g46830	At4g00050	5.32E-06
At1g22640	At1g76070	2.98E-06
At1g25250	At2g41070	6.07E-09
At2g46830	At2g45650	9.85E-09
At4g18960	At2g29460	2.15E-08
At5g10030	At1g22170	8.30E-07
At1g07640	At3g24620	1.33E-06
At2g46830	At3g55110	5.16E-06
At3g61250	At5g61380	2.70E-08
At2g46270	At4g27657	3.72E-08
At2g46830	At3g11280	2.48E-06
At1g22640	At1g65820	5.82E-06
At4g18960	At3g30390	4.02E-06
At1g07640	At1g27370	4.26E-08
At2g47190	At5g22920	3.02E-06

Transcription factor	Target Gene	*P*-Value
At2g46830	At5g06560	4.68E-06
At4g18960	At1g07350	1.21E-06
At4g18960	At5g24120	8.61E-06
At2g36010	At3g57620	6.93E-06
At4g28110	At1g28050	2.70E-08
At4g18960	At1g69690	1.04E-06
At3g50410	At5g05110	4.55E-08
At5g15800	At2g20560	6.27E-09
At2g46830	At1g08810	2.59E-07
At2g46830	At3g56720	2.35E-06
At5g60910	At4g36540	1.16E-08
At3g09230	At1g72820	5.79E-07
At4g18960	At2g35380	3.04E-06
At2g47190	At4g39480	1.35E-06
At3g55370	At3g44260	3.14E-06
At4g18960	At1g19000	1.13E-06
At2g46830	At1g75940	7.12E-06
At2g36011	At3g27330	4.35E-06
At2g47190	At3g02310	2.91E-06
At3g01140	At2g40080	2.70E-08
At2g46830	At2g26910	2.96E-07
At2g46830	At5g65790	7.38E-08
At4g18960	At5g35200	3.09E-06
At5g35550	At1g20180	7.00E-06
At4g36730	At3g50060	3.72E-08
At2g16720	At5g61380	2.70E-08
At1g59750	At2g25210	2.67E-07
At3g01470	At5g42490	2.51E-06
At2g46830	At1g13140	7.12E-06
At2g45650	At1g74310	6.27E-09
At2g03710	At1g35310	9.88E-07
At3g50410	At2g34440	1.33E-06
At4g18960	At1g74360	5.27E-06
At2g02080	At5g07190	6.07E-09
At2g46830	At2g40620	5.55E-06
At3g20770	At2g31380	5.14E-07
At3g19290	At3g25160	8.05E-08
At2g46830	At3g20680	7.78E-06
At2g46830	At4g13235	7.38E-08
At2g46830	At5g51030	4.72E-08
At2g46830	At1g31480	2.49E-07
At1g22640	At1g69450	5.82E-06
At2g46830	At2g16720	3.02E-06
At3g50410	At3g17680	9.36E-06
At4g18960	At1g79780	5.29E-07
At2g46830	At4g18425	3.02E-07
At4g18960	At2g46510	3.42E-06
At5g10030	At2g04790	5.78E-06
At4g18960	At3g10525	1.94E-06
At4g18960	At3g63160	7.79E-06
At5g02030	At5g43810	9.11E-06
At1g07640	At4g17840	4.55E-08
At5g60470	At5g57390	6.07E-09
At5g15310	At5g42900	2.70E-08
At5g26660	At2g40080	2.70E-08
At2g03710	At5g10695	2.59E-06
At3g55370	At4g16110	1.27E-06
At5g35550	At4g15610	8.10E-06
At3g09230	At4g33330	2.70E-06
At1g07640	At5g18140	3.35E-07
At4g18960	At5g55020	9.50E-06
At5g35550	At4g19860	6.86E-06
At2g46830	At2g36720	1.97E-06
At2g46830	At1g23420	4.80E-08
At2g46830	At1g57820	8.78E-07
At2g46830	At2g43500	1.38E-06
At1g22640	At1g07430	2.34E-06
At4g09460	At5g61380	2.70E-08
At3g02310	At1g69120	2.00E-09
At1g24260	At2g26150	6.27E-09
At1g32640	At4g10960	2.06E-06
At4g18960	At3g20770	4.10E-07
At2g46830	At5g02860	3.55E-08
At2g03710	At1g14200	6.27E-09
At5g65210	At1g24260	1.87E-06
At4g18960	At1g70590	4.01E-09
At2g22430	At5g19120	9.99E-06
At4g18960	At3g61820	3.38E-06
At3g30260	At1g69120	2.00E-09
At2g46830	At1g14120	5.18E-07
At1g49720	At5g58330	5.52E-07
At4g18960	At3g59820	5.88E-07
At1g07640	At5g46180	4.13E-06
At2g46830	At1g66530	5.25E-06
At4g18960	At5g55620	6.52E-06
At1g07640	At5g10090	1.33E-06
At4g18960	At1g28430	4.87E-07
At2g46830	At4g25960	2.96E-07
At3g13810	At3g01570	6.07E-09
At1g45249	At2g21320	1.24E-08
At2g22430	At3g58710	6.65E-07
At3g58780	At3g53300	4.43E-06
At2g03710	At5g65310	3.38E-06
At1g59750	At2g06925	5.64E-06
At5g65210	At2g40080	2.66E-09
At4g18960	At3g59060	1.68E-06
At4g36730	At1g07010	8.66E-08
At4g18960	At3g59700	5.27E-06
At2g46830	At1g22440	7.38E-08
At3g19290	At4g18880	8.83E-06
At2g46830	At1g13970	2.36E-06
At2g18160	At2g28400	6.80E-06
At4g18960	At5g22220	2.31E-06
At2g46830	At4g34820	3.29E-07
At2g46830	At5g39410	1.41E-06
At1g07640	At5g48270	1.33E-06
At2g46830	At2g16210	3.12E-08
At4g18960	At1g20696	1.18E-08
At2g46830	At4g16180	8.90E-09
At3g02940	At3g46640	2.70E-08
At2g46830	At5g18780	2.94E-07
At4g18960	At5g07180	9.04E-06
At4g18960	At2g13350	1.09E-06
At4g18960	At1g52150	2.25E-06
At2g46830	At3g20630	3.75E-08
At2g18160	At3g20260	3.95E-06
At1g07640	At2g20560	8.90E-08
At4g18960	At3g01570	9.27E-09
At4g25490	At2g36200	4.88E-07
At5g35550	At1g74880	4.89E-09
At5g35550	At2g02390	5.82E-06
At2g46830	At2g34600	3.16E-06
At2g36011	At3g10470	3.29E-06
At2g03710	At2g20230	9.15E-06
At1g32640	At5g67300	2.84E-06
At2g46830	At3g51310	2.81E-07
At3g01140	At3g46640	2.70E-08
At2g46830	At5g10740	3.64E-06
At4g18960	At3g10770	2.61E-06
At2g46830	At3g02000	3.47E-06
At2g46830	At5g05510	1.33E-07
At4g18960	At1g71697	8.66E-09
At4g18960	At3g24440	1.11E-06
At4g18960	At3g21890	8.61E-06
At2g46830	At3g49080	2.76E-06
At2g22430	At3g25140	1.93E-06
At2g46830	At3g46750	8.48E-07
At5g06960	At5g15530	8.30E-07
At2g18160	At1g73620	3.95E-06
At2g46830	At3g61230	2.04E-06
At5g13790	At1g63910	1.90E-08
At2g46830	At3g44930	3.82E-07
At2g46830	At5g15800	2.98E-09
At4g36730	At5g16200	3.72E-08
At4g18960	At3g09730	2.39E-08
At4g18960	At3g55470	5.27E-06
At4g18960	At4g34440	3.75E-07
At4g18960	At1g10050	8.42E-06
At4g29940	At2g28400	9.62E-06
At5g02030	At2g16790	6.29E-09
At2g46830	At1g13030	7.55E-07
At2g46830	At4g37530	3.75E-07
At1g32640	At1g17380	3.57E-07
At4g18960	At3g24250	1.09E-09
At2g46830	At5g55210	1.23E-06
At4g18960	At5g47150	5.82E-07
At2g46830	At2g44910	2.03E-07
At5g02030	At3g22460	6.29E-09
At5g35550	At5g47600	4.38E-06
At2g46830	At2g22770	5.18E-07
At2g46830	At4g15420	5.26E-06
At2g03710	At4g38000	2.91E-06

Transcription factor	Target Gene	*P*-Value
At4g34590	At2g41610	3.06E-06
At2g46830	At1g61590	7.88E-07
At3g19290	At4g33980	2.40E-08
At4g05100	At5g42900	2.70E-08
At4g28110	At4g16146	2.70E-08
At1g45249	At5g66730	2.56E-09
At3g58780	At3g55110	8.78E-06
At4g01120	At5g67030	1.01E-09
At2g46830	At5g13000	1.42E-06
At2g46830	At3g57140	5.80E-06
At1g07640	At4g29030	9.36E-06
At4g18960	At2g01580	3.31E-06
At5g02030	At1g09200	9.14E-07
At2g46830	At5g40770	8.78E-07
At4g01120	At5g06980	5.83E-09
At4g18960	At2g24540	8.61E-06
At4g18960	At1g19180	4.97E-08
At2g46830	At3g05580	1.14E-06
At4g29940	At5g60930	6.43E-06
At2g46830	At3g24250	2.49E-06
At5g06960	At1g15880	3.90E-06
At1g75390	At5g48360	3.95E-06
At2g46830	At5g43930	1.33E-06
At2g46830	At2g15400	8.78E-07
At2g14210	At1g11040	1.61E-08
At1g45249	At2g40080	5.34E-08
At2g46830	At5g06460	1.80E-07
At2g46830	At3g48360	1.67E-06
At1g32640	At3g53190	7.96E-07
At2g46830	At1g14980	8.78E-07
At1g59750	At5g48560	9.99E-07
At5g60850	At3g04960	1.82E-07
At2g46830	At2g40750	1.68E-06
At4g18960	At5g66020	3.67E-06
At4g18960	At4g12880	2.12E-06
At5g60850	At5g45960	3.93E-06
At1g68840	At4g36180	2.97E-06
At4g01120	At1g22190	3.72E-08
At5g35550	At4g38540	8.10E-06
At4g26930	At4g16146	2.70E-08
At2g46830	At1g77980	2.42E-06
At1g59750	At5g08520	1.06E-06
At4g18960	At5g51660	2.11E-09
At4g38620	At1g68520	9.13E-07
At4g18960	At5g09550	1.55E-07
At3g02940	At5g39410	2.70E-08
At2g46830	At2g20230	9.69E-06
At5g55020	At5g61380	2.70E-08
At3g28910	At1g17665	2.70E-08
At1g32640	At3g01830	2.99E-07
At2g36010	At3g54340	3.25E-06
At5g60470	At5g09640	6.07E-09
At2g14210	At4g36540	1.16E-08
At2g46830	At1g73620	5.39E-07
At3g09230	At3g44600	6.83E-06
At2g46830	At2g13570	4.72E-08
At2g46830	At4g32940	1.52E-07
At4g25470	At3g24250	6.74E-08
At4g18960	At5g01890	2.09E-09
At2g46830	At5g13990	5.55E-06
At3g11440	At5g42900	2.70E-08
At5g10280	At3g46640	2.70E-08
At4g18960	At2g13570	8.65E-07
At4g28110	At5g61380	2.70E-08
At2g03710	At2g38470	8.13E-06
At2g46830	At4g18370	7.93E-08
At2g46830	At4g08180	3.64E-06
At3g50410	At3g16050	8.90E-08
At4g18960	At2g26900	1.04E-06
At3g23240	At2g28400	5.51E-06
At4g18960	At5g47220	8.79E-07
At2g46830	At4g25200	5.26E-06
At4g18960	At5g47670	1.09E-09
At4g34590	At1g63470	3.95E-06
At5g06100	At5g42900	2.70E-08
At2g46830	At1g07120	1.01E-06
At1g07640	At1g29690	1.10E-06
At2g47190	At1g13450	6.86E-06
At4g18960	At1g01820	4.44E-06
At5g60850	At2g22960	3.93E-06
At2g46830	At1g15400	4.72E-09
At2g36010	At5g18000	1.16E-06
At2g46830	At2g40990	3.82E-07
At4g18960	At1g73500	4.45E-06
At5g10030	At5g15530	8.30E-07
At3g55370	At5g35320	8.90E-08
At4g18960	At1g34670	3.04E-06
At2g46830	At2g34440	1.61E-06
At2g46830	At5g05220	1.50E-06
At2g46830	At5g64380	2.05E-09
At4g18960	At1g76890	1.94E-06
At2g46830	At5g48590	9.39E-07
At2g46830	At4g17220	2.79E-06
At5g60850	At3g24620	1.33E-06
At2g46830	At4g27130	7.42E-07
At4g18960	At1g12460	3.44E-06
At5g13790	At2g19770	1.55E-07
At2g46830	At2g26330	7.60E-07
At3g58780	At5g62000	2.09E-06
At1g69120	At1g18620	1.16E-08
At5g35550	At1g22810	2.98E-06
At2g03710	At2g02140	8.16E-06
At2g46830	At3g57490	2.76E-06
At2g46830	At1g03360	7.55E-07
At2g46830	At3g13050	4.68E-06
At2g46830	At2g25270	3.89E-06
At4g18960	At3g56870	2.41E-06
At4g18960	At5g65310	3.38E-06
At1g24260	At3g12580	6.27E-09
At5g02030	At1g70760	1.59E-06
At5g60850	At5g63600	9.20E-06
At2g46830	At5g06800	6.06E-07
At2g46830	At5g25450	2.63E-07
At2g46830	At1g53400	2.78E-08
At3g30260	At1g74310	6.27E-09
At2g36010	At1g26670	6.49E-07
At1g26310	At3g07090	6.27E-09
At1g68840	At1g09610	7.31E-06
At4g18960	At1g23290	9.55E-08
At4g18960	At2g29540	8.51E-08
At4g18960	At2g26730	1.04E-06
At2g46830	At2g01760	5.18E-07
At3g50410	At4g15650	1.33E-06
At5g06960	At3g22780	6.56E-06
At2g46830	At5g11210	1.67E-06
At2g46830	At2g46500	5.04E-07
At2g03710	At4g11280	1.39E-06
At2g14210	At5g61850	2.00E-09
At4g18960	At3g54680	1.20E-06
At3g01470	At1g10620	2.51E-06
At5g60910	At2g34440	1.61E-08
At4g18960	At1g14200	5.19E-06
At5g35550	At2g43320	2.98E-06
At4g18960	At5g04720	1.74E-06
At2g46830	At3g26140	6.36E-07
At2g46830	At1g15740	1.42E-06
At2g22430	At4g01330	9.99E-06
At4g18960	At5g13220	3.42E-06
At3g02310	At3g58120	1.16E-08
At5g60850	At5g08460	2.91E-07
At5g60850	At3g16720	3.14E-06
At5g60850	At2g42200	4.26E-08
At5g35550	At1g52190	7.45E-06
At2g46830	At3g12320	7.85E-07
At4g18960	At4g11130	2.39E-08
At4g18960	At2g40750	4.88E-06
At2g46830	At3g17410	9.60E-08
At4g09460	At1g28050	2.70E-08
At1g68840	At3g14310	1.34E-06
At2g03710	At1g10680	1.61E-08
At1g32150	At2g41070	2.56E-09
At1g49720	At2g46830	1.09E-08
At2g35530	At1g07180	8.66E-08
At2g46830	At5g49020	5.25E-06
At5g06960	At3g14310	2.97E-07
At1g59750	At2g28440	1.38E-06
At4g18960	At1g66970	1.05E-08
At2g46830	At5g49450	7.88E-06
At4g38620	At5g15950	6.44E-06
At2g46830	At1g33050	2.34E-06
At2g46830	At1g33240	2.73E-07
At2g46830	At1g03600	5.79E-08

Transcription factor	Target Gene	*P*-Value
At2g47190	At4g33450	1.77E-06
At2g47190	At5g04140	4.89E-09
At4g18960	At3g18660	2.36E-06
At3g55370	At1g23040	4.55E-08
At1g45249	At4g15430	3.52E-07
At1g07640	At3g44260	3.14E-06
At2g47190	At5g04340	3.40E-06
At2g46830	At4g00830	2.45E-07
At3g55370	At4g15650	1.33E-06
At4g18960	At5g38120	3.46E-06
At1g45249	At2g19320	2.56E-09
At3g20770	At4g13580	3.32E-06
At1g59750	At2g42200	6.47E-06
At2g46830	At1g14345	3.29E-07
At1g07640	At2g40420	2.70E-07
At3g27810	At1g17665	2.70E-08
At5g54230	At2g40080	2.70E-08
At1g75390	At1g63650	3.95E-06
At4g18960	At2g21320	4.64E-06
At4g34990	At5g61380	2.70E-08
At5g10030	At5g64380	5.78E-06
At1g69120	At2g22400	3.83E-06
At1g49720	At2g29470	1.28E-07
At4g18960	At1g67290	1.87E-06
At4g18960	At3g28730	3.23E-08
At1g26310	At1g11040	1.61E-08
At4g18960	At1g03110	1.11E-06
At4g18960	At1g75500	3.37E-06
At2g36010	At3g04690	3.29E-06
At2g46830	At1g70670	3.02E-07
At4g18960	At4g11660	6.98E-09
At2g46830	At3g06420	3.43E-06
At2g46830	At5g64140	6.72E-06
At4g18960	At1g04400	4.10E-06
At4g18960	At1g24540	5.82E-07
At5g35550	At3g27870	2.34E-06
At2g46830	At1g28050	1.41E-06
At5g65210	At4g29410	1.68E-07
At4g18960	At3g15630	2.34E-06
At1g69120	At4g28680	4.51E-07
At3g62420	At1g09610	3.06E-06
At4g29940	At2g36200	6.43E-06
At4g18960	At5g06320	1.74E-06
At5g65210	At5g37780	8.84E-08
At4g18960	At3g51730	1.39E-06
At5g35550	At4g18960	2.91E-06
At4g18960	At1g29760	3.84E-06
At4g29940	At3g62260	9.62E-06
At2g46830	At1g06750	3.99E-07
At2g46830	At4g24700	5.32E-06
At2g46830	At1g68380	5.57E-08
At2g46830	At3g61110	1.59E-08
At5g06960	At2g01580	1.12E-07
At4g18960	At3g62640	1.87E-06
At5g06960	At2g18280	3.90E-06
At2g46830	At3g23130	5.75E-06
At4g18960	At3g11660	1.49E-08
At2g46830	At2g14100	1.25E-06
At3g13810	At5g10510	6.07E-09
At5g02030	At5g04140	1.59E-06
At1g07640	At4g38000	2.91E-07
At2g46830	At1g59910	2.07E-07
At2g46830	At4g20270	3.83E-06
At5g60910	At2g04220	1.61E-08
At1g59750	At1g75100	5.73E-08
At2g46830	At1g75930	2.17E-07
At3g20770	At5g06800	3.32E-06
At1g59750	At5g15850	5.73E-08
At4g18960	At5g45710	8.66E-09
At4g34590	At1g77450	6.80E-06
At2g46830	At1g19000	9.39E-07
At2g03710	At2g34440	1.61E-08
At2g18160	At3g15050	3.06E-06
At2g46830	At1g65090	7.95E-08
At3g20770	At1g19210	7.62E-06
At5g15800	At1g18620	1.16E-08
At2g36010	At5g60930	4.35E-06
At1g32640	At2g31040	1.05E-06
At4g01120	At5g02810	1.01E-09
At5g65210	At3g16050	2.53E-06
At2g26960	At4g33980	2.70E-08
At2g36010	At2g18280	6.49E-07
At2g46830	At2g47990	4.53E-06
At3g50410	At2g22960	3.93E-06
At1g07640	At5g05340	3.03E-08
At2g46830	At3g10930	2.21E-07
At3g02310	At1g10020	1.16E-08
At2g03710	At1g42980	8.88E-07
At1g32640	At4g11280	4.30E-06
At3g50410	At1g02190	1.82E-07
At1g69120	At5g11360	2.72E-07
At3g50410	At4g16110	1.27E-06
At2g36011	At4g32040	5.03E-08
At1g45249	At3g06490	1.33E-09
At2g46830	At5g20330	2.93E-07
At2g46830	At5g20370	4.79E-07
At4g18960	At2g20470	5.29E-06
At5g13790	At1g63300	1.90E-08
At2g46270	At5g02810	5.83E-09
At2g46830	At3g22780	3.89E-06
At2g46830	At5g24290	4.04E-07
At2g47190	At4g22680	1.77E-06
At4g18960	At1g72300	5.74E-06
At5g15800	At2g43920	2.12E-06
At1g45249	At2g01540	2.38E-06
At3g61120	At1g69120	2.00E-09
At4g18960	At3g52750	6.87E-07
At2g46830	At1g16850	1.50E-06
At2g46830	At5g07680	3.02E-07
At5g12870	At5g48250	2.70E-08
At2g46830	At4g13840	2.59E-07
At4g18960	At5g45360	1.58E-06
At2g46830	At1g23080	1.10E-07
At2g46830	At3g01830	1.88E-06
At4g18960	At1g25510	8.38E-07
At4g18960	At1g16240	1.99E-07
At5g35550	At4g18550	7.00E-06
At5g35550	At5g50360	2.34E-06
At4g13480	At1g28050	2.70E-08
At1g59750	At3g59990	3.27E-06
At2g46830	At3g59580	4.70E-06
At2g47190	At4g19860	6.86E-06
At2g47190	At1g35310	1.35E-06
At4g18960	At3g10570	6.88E-08
At4g18960	At4g25960	1.86E-07
At5g60850	At5g60210	9.36E-06
At2g46830	At2g02390	2.94E-07
At2g46830	At2g44470	2.76E-08
At2g46830	At3g16000	5.66E-06
At4g18960	At1g15790	7.01E-07
At2g46270	At1g10170	8.05E-09
At2g46830	At2g36400	5.74E-07
At2g46830	At1g07440	4.56E-06
At3g55370	At1g59860	8.90E-08
At4g18960	At5g50580	1.13E-08
At2g46830	At3g04730	2.26E-07
At2g46830	At2g36910	2.81E-07
At2g46830	At5g25930	1.47E-07
At5g65210	At1g14200	2.53E-06
At4g18960	At4g09650	3.07E-09
At1g22640	At1g24260	3.06E-09
At2g46830	At2g01590	2.05E-09
At1g69120	At5g18490	2.34E-08
At2g46830	At2g40000	5.15E-06
At1g69120	At4g12890	2.72E-07
At2g46830	At1g26310	2.29E-07
At2g46830	At1g32780	1.42E-06
At2g46830	At3g11964	7.55E-07
At1g59750	At5g47930	2.67E-07
At4g18960	At1g61870	8.51E-08
At1g45249	At2g40000	4.54E-07
At4g18960	At1g17840	1.86E-07
At2g46830	At2g02970	1.02E-07
At4g18960	At2g22450	4.44E-06
At1g25250	At5g07190	6.07E-09
At2g46830	At2g28960	7.88E-07
At2g46830	At5g29000	9.03E-06
At2g46830	At3g43230	5.33E-06
At2g46830	At1g62060	2.59E-07
At1g07640	At3g09350	8.90E-08
At2g46830	At5g18680	5.29E-06
At2g47190	At3g23080	2.81E-08

Transcription factor	Target Gene	*P*-Value
At4g01120	At3g12320	1.39E-08
At3g61120	At3g06750	1.16E-08
At4g18960	At4g00400	1.09E-07
At2g46830	At1g09760	1.23E-06
At2g03710	At3g20220	4.18E-08
At2g45650	At4g01330	1.16E-08
At5g60910	At4g34400	2.00E-09
At4g18960	At1g23540	2.82E-06
At1g14580	At5g09640	6.07E-09
At5g10030	At2g40370	1.12E-07
At5g35550	At2g13620	3.79E-06
At5g60850	At4g11660	8.90E-08
At2g46830	At1g53160	7.27E-06
At2g46830	At1g63650	5.39E-07
At5g60850	At2g46240	8.90E-08
At1g59750	At2g17560	9.43E-06
At2g03710	At1g74310	6.27E-09
At3g20770	At5g47450	3.32E-06
At4g25490	At5g16460	5.66E-06
At5g03150	At5g57390	6.07E-09
At2g03710	At4g08685	1.09E-07
At3g45260	At3g10200	6.07E-09
At5g06960	At2g40370	1.12E-07
At2g46830	At5g35910	2.49E-06
At2g46830	At4g32551	8.65E-08
At1g22640	At2g40080	2.70E-08
At5g15800	At1g26310	2.00E-09
At1g49720	At4g27654	2.87E-06
At3g58780	At3g28790	1.55E-07
At2g47190	At4g26760	7.67E-07
At5g60910	At3g12580	6.27E-09
At4g18960	At1g24260	3.42E-08
At5g13790	At1g35310	4.43E-06
At5g35550	At1g68620	8.10E-06
At2g18160	At3g50070	3.95E-06
At1g22640	At4g38690	7.45E-06
At1g07640	At1g27730	3.14E-06
At2g46830	At1g52880	6.25E-08
At2g46830	At4g16110	1.02E-07
At5g60850	At5g39610	4.13E-06
At1g45249	At1g27730	4.54E-07
At2g46830	At1g16760	3.81E-07
At5g35550	At5g55020	8.11E-06
At2g46830	At1g27460	9.25E-07
At2g22430	At1g14200	5.34E-06
At2g18160	At3g18660	3.06E-06
At1g59750	At1g80440	1.06E-06
At4g36730	At1g23710	3.72E-08
At5g15310	At3g46640	2.70E-08
At4g18960	At2g29290	3.46E-08
At4g18960	At4g08685	1.04E-06
At4g18960	At4g29410	9.55E-08
At2g46830	At2g31930	3.24E-07
At3g50410	At1g71691	2.91E-07
At1g14580	At3g01570	6.07E-09
At2g46830	At4g12880	3.20E-07
At4g18960	At4g29735	4.68E-06
At4g18960	At1g73800	4.88E-06
At2g46830	At5g11060	1.08E-06
At4g18960	At2g31945	2.15E-08
At5g35550	At5g20340	8.11E-06
At2g46830	At1g66150	7.21E-06
At3g55370	At4g14695	1.82E-07
At5g02030	At2g41280	1.41E-06
At2g46830	At2g46680	4.08E-07
At4g18960	At2g41730	2.10E-08
At5g10030	At5g18140	5.78E-06
At4g18960	At5g24590	1.45E-07
At5g65210	At5g11150	8.84E-08
At5g13790	At1g27730	4.45E-06
At2g46830	At1g76110	1.53E-06
At2g46830	At4g25630	2.76E-06
At4g18960	At1g21600	1.34E-08
At3g19290	At3g47500	6.83E-08
At2g46270	At1g22190	3.72E-08
At1g45249	At3g15500	1.33E-09
At3g50410	At1g16760	1.33E-06
At4g18960	At2g44840	2.03E-07
At2g46830	At1g11040	1.61E-06
At4g18960	At5g59305	2.63E-09
At1g22640	At1g29510	7.45E-06
At2g46830	At1g60200	6.85E-06
At5g06960	At1g73410	1.12E-07
At2g46830	At1g72820	1.47E-07
At4g18960	At5g62190	9.00E-07
At3g58780	At3g20630	2.09E-06
At4g18960	At1g80270	3.90E-06
At5g35550	At1g27730	3.01E-08
At2g46830	At5g37020	5.98E-07
At2g45650	At2g19040	1.61E-08
At3g50410	At3g04960	1.82E-07
At5g02030	At4g15610	6.29E-09
At4g18960	At5g46180	1.89E-08
At1g26310	At1g69180	2.00E-09
At5g54230	At5g39410	2.70E-08
At4g18960	At2g02870	3.35E-07
At2g46830	At3g07010	4.18E-07
At4g18960	At1g50990	3.75E-07
At4g34990	At4g16146	2.70E-08
At4g18960	At5g15230	3.53E-06
At5g15800	At4g08685	2.12E-06
At4g18960	At1g17200	1.70E-06
At1g69120	At3g05920	1.69E-06
At4g18960	At2g43060	1.49E-08
At2g46830	At2g33380	1.46E-06
At3g55370	At1g26670	2.70E-07
At2g46830	At2g37670	3.36E-06
At5g60470	At1g03890	6.07E-09
At5g60850	At3g21870	3.35E-07
At5g65210	At5g42900	2.66E-09
At1g75390	At2g28400	6.80E-06
At4g18960	At4g33330	1.90E-08
At3g62420	At2g31930	3.06E-06
At4g18960	At4g34410	3.14E-06
At5g55020	At3g46640	2.70E-08
At2g46830	At1g08340	2.34E-06
At1g32640	At5g12180	1.35E-07
At1g45249	At2g21640	5.68E-09
At2g46830	At4g31230	3.36E-06
At2g46830	At4g03030	5.33E-06
At2g46830	At5g44190	3.13E-07
At5g02030	At2g24490	9.14E-07
At2g22430	At1g23710	8.05E-06
At5g60910	At5g35320	6.27E-09
At2g46830	At1g58210	3.72E-06
At2g46830	At4g09150	2.63E-07
At4g18960	At2g45650	1.94E-08
At5g06960	At2g34620	5.78E-06
At2g46830	At1g15440	4.53E-06
At3g55370	At5g11210	3.03E-08
At2g46830	At3g11100	1.56E-06
At2g03710	At1g61340	1.39E-06
At1g32640	At3g15840	1.05E-06
At3g19290	At3g05200	8.83E-06
At4g18960	At3g23130	6.87E-08
At4g18960	At3g25610	2.11E-07
At4g18960	At1g53885	6.11E-07
At4g18960	At3g02550	1.46E-06
At4g18960	At3g61650	4.11E-07
At2g46830	At3g07650	2.78E-06
At4g18960	At5g41050	3.44E-06
At5g15800	At4g01330	1.16E-08
At2g46830	At1g32640	1.46E-07
At2g46830	At1g80680	1.97E-06
At3g55370	At1g76110	3.35E-07
At2g22430	At3g04070	1.13E-06
At4g18960	At2g04220	5.66E-06
At5g35550	At1g78970	7.45E-06
At5g60850	At2g26150	8.90E-08
At2g46830	At3g12290	3.70E-07
At1g07640	At5g19860	2.70E-07
At5g60850	At4g17490	7.91E-06
At1g49720	At3g23920	1.60E-06
At4g18960	At1g32640	6.11E-07
At2g46830	At3g52600	1.76E-06
At4g18960	At2g14560	4.88E-06
At4g18960	At4g39110	8.53E-06
At5g65210	At3g61190	1.15E-09
At1g07640	At1g74310	8.90E-08
At2g46830	At2g23320	1.47E-07
At2g46830	At3g19550	9.93E-07
At2g46830	At2g05910	2.29E-06

Transcription factor	Target Gene	*P*-Value
At4g18960	At3g48510	3.54E-07
At2g46830	At1g14440	9.28E-08
At2g46830	At2g22950	3.03E-08
At2g46830	At1g15690	9.25E-07
At1g26310	At1g69120	2.00E-09
At1g07640	At4g11170	3.03E-08
At5g35550	At2g38250	2.98E-06
At1g59750	At5g20240	8.91E-06
At2g46830	At5g49190	2.76E-08
At2g47190	At3g14090	8.07E-07
At5g06960	At3g28715	3.90E-06
At5g15800	At4g12400	6.27E-09
At1g45249	At3g10640	2.38E-06
At4g18960	At1g72220	1.90E-08
At5g13790	At4g17490	4.45E-06
At2g46830	At5g53360	4.68E-06
At4g18960	At2g01540	3.09E-06
At1g32640	At3g02840	2.99E-07
At3g55370	At4g17490	3.14E-06
At5g60850	At4g27280	3.14E-06
At4g18960	At2g02140	5.78E-08
At2g22430	At3g08720	8.05E-06
At2g36010	At4g34410	5.83E-07
At1g07640	At1g02190	1.82E-07
At2g46830	At2g22450	7.42E-07
At4g18960	At1g52890	1.03E-07
At2g46830	At5g24120	2.45E-07
At1g45249	At1g22190	4.54E-07
At1g07640	At5g14940	4.55E-08
At2g46830	At3g44600	2.49E-06
At2g46830	At1g20960	1.42E-06
At5g13790	At3g05200	4.45E-06
At5g65210	At2g04690	1.66E-08
At2g46830	At1g78280	4.98E-06
At4g18960	At1g64000	1.47E-06
At4g34990	At1g28050	2.70E-08
At3g23240	At5g59820	9.54E-06
At2g03710	At3g15500	2.36E-06
At4g18960	At2g21050	2.25E-06
At5g35550	At1g24260	2.91E-06
At2g46270	At4g37370	8.05E-09
At2g47190	At4g28530	7.00E-06
At4g18960	At3g09930	3.67E-06
At2g46830	At3g57380	5.70E-07
At2g46830	At2g40930	8.70E-08
At4g18960	At1g29280	6.01E-06
At4g18960	At1g78500	6.52E-06
At3g23240	At4g29820	8.72E-07
At2g46830	At5g09810	2.81E-07
At3g55370	At5g15800	1.82E-07
At4g18960	At2g25730	2.67E-07
At5g35550	At1g14150	4.89E-09
At2g46830	At3g23270	3.72E-06
At2g46830	At4g13960	4.80E-08
At2g46830	At1g65820	2.94E-07
At2g46830	At5g57520	9.93E-07
At2g46830	At1g54560	6.13E-06
At2g03710	At5g05410	2.59E-06
At3g55370	At3g11660	4.55E-08
At2g46830	At5g51560	9.25E-07
At5g03150	At3g10200	6.07E-09
At2g46830	At3g20770	3.64E-06
At5g15800	At1g14280	1.16E-08
At3g62420	At1g01720	6.80E-06
At3g55370	At5g44630	4.26E-08
At3g55370	At5g47220	7.91E-06
At1g22640	At5g42900	2.70E-08
At4g18960	At1g68190	3.46E-08
At1g32640	At1g60240	1.35E-07
At1g68840	At1g06040	4.50E-06
At5g35550	At5g01380	2.98E-06
At4g18960	At4g07890	2.38E-06
At2g46830	At1g15430	1.38E-06
At5g06960	At1g23080	2.97E-07
At2g35530	At2g41070	2.56E-09
At3g20770	At4g27654	7.62E-06
At5g60910	At2g19040	1.61E-08
At5g60850	At5g14940	4.55E-08
At3g61120	At1g14280	1.16E-08
At1g59750	At5g07230	4.83E-06
At2g46830	At1g55370	1.53E-06
At2g26960	At1g17665	2.70E-08
At3g30260	At1g69180	2.00E-09
At2g46830	At2g35980	4.14E-07
At5g60850	At1g26670	2.70E-07
At5g02030	At1g33050	6.66E-07
At2g46830	At2g14560	1.68E-06
At1g08810	At5g39410	2.70E-08
At2g46830	At1g65480	9.93E-07
At2g46830	At3g28780	4.72E-08
At5g35550	At3g11410	5.05E-06
At5g10030	At2g01210	8.30E-07
At2g03710	At5g64200	3.53E-06
At1g32640	At2g16730	4.81E-06
At1g45249	At5g02810	1.19E-09
At2g36010	At4g32150	6.49E-07
At4g29940	At2g20050	1.28E-09
At2g46830	At4g22920	1.49E-07
At2g47190	At2g46900	6.86E-06
At2g46830	At4g12720	1.88E-06
At1g59750	At5g50790	8.91E-06
At4g18960	At2g24810	8.15E-09
At3g50410	At2g31945	4.13E-06
At1g07640	At1g07080	4.55E-08
At2g46830	At3g11090	7.22E-07
At1g69120	At5g60010	1.61E-08
At2g46830	At1g28375	2.17E-07
At3g19290	At1g66080	3.08E-07
At4g18960	At3g21180	5.86E-06
At3g58780	At1g76600	4.45E-06
At2g46830	At1g25550	5.89E-06
At2g46830	At4g28080	3.92E-06
At5g65210	At5g42290	5.01E-06
At4g18960	At5g65210	9.32E-07
At1g69120	At1g54320	3.46E-06
At2g03710	At2g45800	4.18E-08
At2g14210	At1g18620	1.16E-08
At2g46830	At5g48870	5.05E-06
At4g29940	At3g27330	6.43E-06
At1g07640	At1g16130	1.10E-06
At2g46830	At5g56940	9.84E-06
At1g68840	At2g25270	2.97E-06
At2g36011	At1g06970	3.29E-06
At2g46830	At5g41600	8.90E-06
At1g69120	At3g05200	2.34E-08
At2g46830	At3g50070	7.56E-06
At4g34990	At3g46640	2.70E-08
At3g55370	At1g22440	9.20E-06
At2g46830	At1g64500	9.53E-07
At2g46830	At4g35740	1.96E-07
At2g46830	At1g70130	5.60E-07
At5g35550	At2g41380	8.10E-06
At4g18960	At1g27380	8.49E-07
At2g46830	At1g20130	8.58E-06
At2g46830	At1g51070	3.20E-07
At2g46830	At5g16400	3.21E-07
At4g18960	At5g58260	1.63E-06
At4g38620	At2g24540	6.44E-06
At5g13790	At1g18850	8.51E-08
At4g18960	At1g07180	4.39E-07
At5g65210	At2g45170	4.52E-06
At1g59750	At1g49750	6.97E-07
At1g22640	At1g77920	5.82E-06
At3g55370	At5g48400	3.03E-08
At2g46830	At5g22980	3.36E-06
At4g18960	At5g64200	3.53E-06
At3g50410	At1g15880	2.70E-07
At2g22430	At2g29470	2.50E-06
At4g18960	At3g15190	2.54E-07
At2g46830	At2g39660	1.47E-07
At5g35550	At1g35310	1.35E-06
At2g22430	At2g39190	5.21E-06
At2g46830	At4g04080	3.72E-06
At4g18960	At1g25550	2.62E-09
At5g61850	At1g25260	1.14E-09
At2g46830	At5g17420	8.65E-06
At2g47190	At1g44810	3.55E-06
At2g46830	At5g46200	7.38E-06
At1g45249	At3g01970	1.28E-07

Transcription factor	Target Gene	*P*-Value
At2g46830	At2g28440	4.94E-06
At2g46830	At1g69480	2.03E-07
At5g35550	At4g28530	7.00E-06
At3g62420	At4g28500	3.06E-06
At3g55370	At2g31945	4.13E-06
At2g46830	At5g60010	3.99E-07
At2g46830	At3g52810	7.99E-06
At2g46830	At5g22060	1.14E-07
At2g46830	At5g54070	4.98E-06
At4g18960	At4g24620	2.12E-06
At4g18960	At1g32780	3.46E-06
At5g65210	At1g76600	1.15E-09
At4g38620	At5g64380	9.13E-07
At4g18960	At2g36200	8.89E-07
At5g60850	At3g09350	8.90E-08
At2g47190	At2g19520	3.55E-06
At1g69120	At3g48250	3.83E-06
At2g46830	At1g65690	1.14E-07
At2g46830	At2g23510	4.04E-06
At4g18960	At4g14870	6.42E-07
At2g46830	At3g54500	1.37E-07
At2g14210	At1g33240	1.16E-08
At5g02030	At1g10020	2.97E-07
At1g32640	At1g76600	4.30E-06
At2g46830	At1g53140	9.40E-08
At5g35550	At5g08460	6.78E-07
At4g18960	At2g26410	3.68E-06
At2g47190	At5g47635	1.77E-06
At2g46830	At2g37010	3.99E-07
At3g55370	At3g05200	1.10E-06
At4g18960	At2g19520	5.07E-08
At2g01940	At5g09640	6.07E-09
At2g46830	At3g22160	2.97E-06
At2g46830	At3g44750	4.14E-06
At4g38620	At5g24120	6.44E-06
At4g18960	At4g35700	1.87E-06
At3g09230	At3g49490	8.89E-06
At1g07640	At1g15880	2.70E-07
At1g59750	At2g33340	3.27E-06
At2g46830	At3g51510	5.79E-08
At4g18960	At3g15110	7.79E-06
At2g46830	At4g10270	5.90E-06
At2g46830	At5g50580	1.80E-07
At5g06960	At1g55370	5.78E-06
At2g46830	At4g27654	6.50E-06
At4g18960	At3g12740	5.27E-06
At4g18960	At1g71250	1.09E-09
At3g55370	At5g51190	3.14E-06
At1g68840	At3g47500	4.50E-06
At1g68840	At4g26760	2.97E-06
At4g18960	At2g17890	5.86E-06
At3g20770	At5g66390	3.32E-06
At5g15800	At5g20340	1.61E-08
At4g09460	At4g33980	2.70E-08
At3g58780	At1g61680	4.43E-06
At4g18960	At5g56640	1.75E-06
At2g46830	At1g75460	4.95E-06
At5g60850	At1g76110	3.35E-07
At3g50410	At3g21870	3.35E-07
At4g18960	At2g02070	1.34E-08
At1g68840	At5g65310	1.34E-06
At1g68840	At2g21820	4.77E-07
At2g46830	At1g25560	5.89E-06
At2g26960	At4g16146	2.70E-08
At5g13790	At4g36680	8.51E-08
At1g07640	At5g61600	3.14E-06
At4g18960	At1g17020	7.17E-06
At5g35550	At5g53950	4.38E-06
At3g58780	At1g35310	4.43E-06
At4g18960	At5g03600	3.67E-06
At2g46830	At5g54630	2.71E-09
At1g22640	At5g57050	2.34E-06
At4g38620	At1g20510	1.11E-06
At2g46830	At5g24940	3.80E-06
At2g46830	At5g60210	2.78E-07
At5g15310	At5g61380	2.70E-08
At3g50410	At2g45650	1.82E-07
At5g65210	At5g59820	1.15E-09
At2g46830	At1g28470	9.39E-07
At3g55370	At4g04490	3.03E-08
At5g65210	At4g18960	1.87E-06
At1g32640	At5g46700	7.96E-07
At4g13480	At5g42900	2.70E-08
At4g18960	At1g07010	5.55E-08
At2g03710	At4g12400	6.27E-09
At4g18960	At5g49660	5.74E-06
At2g46830	At1g53885	1.46E-06
At1g26310	At5g44680	1.16E-08
At4g18960	At1g03475	7.79E-06
At2g03710	At1g32350	2.36E-06
At4g18960	At1g52980	9.00E-07
At1g45249	At4g03320	5.68E-09
At5g35550	At2g15580	7.45E-06
At5g35550	At5g35910	2.30E-07
At2g47190	At3g60300	6.86E-06
At4g18960	At5g04760	5.00E-08
At2g46830	At3g20150	5.65E-07
At5g60850	At1g18390	1.10E-06
At2g46830	At2g33690	6.69E-07
At2g46830	At4g34100	5.33E-06
At4g18960	At5g64380	3.46E-08
At3g55370	At5g64380	3.35E-07
At3g09230	At3g15450	5.79E-07
At4g18960	At1g56320	5.67E-06
At3g55370	At5g39520	4.13E-06
At2g36011	At5g10660	3.29E-06
Transcription factor	Target Gene	*P*-Value
At1g68130	At5g57390	6.07E-09
At3g19290	At3g18570	8.05E-08
At5g35550	At4g35280	3.79E-06
At3g58780	At1g27360	8.78E-06
At5g02030	At4g13235	1.82E-06
At5g35550	At3g56710	5.86E-08
At4g18960	At3g49490	4.90E-07
At4g18960	At5g12180	4.11E-06
At2g36010	At1g73805	3.41E-06
At2g46830	At3g14380	8.09E-08
At3g19290	At5g67030	4.23E-07
At4g18960	At5g60410	1.87E-06
At2g46830	At5g50000	4.03E-07
At4g18960	At2g28790	8.41E-06
At2g36010	At2g44190	4.35E-06
At1g49720	At5g66780	2.28E-07
At4g18960	At1g69260	5.00E-08
At1g45249	At1g67980	1.28E-07
At5g15800	At5g26150	1.61E-08
At1g07640	At1g52880	4.55E-08
At3g50700	At5g07190	6.07E-09
At4g25490	At3g59550	4.88E-07
At4g18960	At1g49500	7.23E-07
At2g46830	At4g21070	1.96E-07
At4g18960	At3g53190	7.43E-06
At4g18960	At3g43320	8.15E-09
At1g68840	At5g02810	4.50E-06
At4g18960	At3g51510	1.95E-06
At2g18160	At1g63470	3.95E-06
At2g46830	At3g24140	2.57E-08
At5g35550	At2g14560	5.86E-08
At2g46830	At3g15270	5.31E-06
At4g18960	At1g23670	4.87E-07
At5g06960	At4g36180	6.31E-06
At4g36730	At4g25620	3.72E-08
At4g18960	At4g27330	1.44E-07
At5g44160	At5g57390	6.07E-09
At2g46830	At1g64370	2.50E-06
At1g45249	At1g63720	1.28E-07
At1g49720	At5g16200	4.54E-07
At5g22220	At4g11280	6.57E-08
At4g18960	At5g23190	2.14E-06
At3g09230	At1g80920	5.79E-07
At5g61850	At3g06400	5.33E-06
At1g59750	At1g67990	4.83E-06
At3g01470	At5g61710	2.51E-06
At2g46830	At5g40450	2.87E-07
At3g02940	At4g33980	2.70E-08
At5g60850	At3g26890	2.70E-07
At2g46830	At5g04410	2.63E-07
At4g18960	At5g14120	2.34E-06
At3g23240	At3g54620	8.72E-07
At2g46830	At1g31660	9.16E-06

Transcription factor	Target Gene	*P*-Value
At2g46830	At4g15610	7.10E-08
At5g35550	At1g14280	7.45E-06
At4g18960	At5g61000	7.39E-06
At4g18960	At3g26790	1.89E-07
At1g59750	At2g18400	9.43E-06
At2g35530	At5g15850	8.66E-08
At2g46830	At4g12080	1.01E-06
At5g60850	At3g02310	1.82E-07
At2g46830	At5g53880	2.12E-06
At2g02070	At1g65090	6.07E-09
At2g46830	At3g02340	2.34E-06
At5g02030	At5g16110	6.66E-07
At2g46830	At3g19090	6.69E-07
At3g50410	At1g18390	1.10E-06
At1g69120	At1g01280	2.09E-09
At5g61850	At1g52740	5.33E-06
At1g07640	At2g37630	9.36E-06
At4g18960	At5g12460	5.26E-08
At4g18960	At4g16720	9.55E-08
At3g30260	At5g44680	1.16E-08
At2g46830	At5g03970	2.49E-06
At5g13790	At1g61680	4.43E-06
At2g46830	At5g61670	3.13E-07
At1g68840	At1g71030	4.50E-06
At2g46830	At5g13200	6.26E-07
At5g35550	At3g27810	1.35E-06
At4g18960	At2g46240	2.59E-06
At1g49720	At3g54500	1.19E-09
At5g06960	At3g26890	3.90E-06
At1g07640	At2g28400	8.13E-06
At4g18960	At1g70700	3.42E-06
At4g18960	At5g13000	2.11E-09
At2g46830	At5g50380	1.05E-06
At1g07640	At2g46240	8.90E-08
At2g46830	At4g04890	2.96E-07
At1g26310	At5g35320	6.27E-09
At2g47190	At1g23710	3.40E-06
At5g13790	At1g42980	2.10E-08
At3g19290	At2g40080	2.40E-08
At3g61120	At3g58120	1.16E-08
At5g66730	At5g10510	6.07E-09
At5g10030	At5g47635	1.12E-07
At2g46830	At2g46400	2.62E-07
At2g46830	At5g57510	5.60E-07
At4g18960	At1g27950	5.20E-08
At3g55370	At5g44990	3.03E-08
At2g46830	At4g28000	4.32E-07
At3g58780	At1g63300	1.90E-08
At2g46830	At5g22740	8.90E-06
At2g47190	At5g04280	2.30E-07
At5g60850	At3g53140	4.26E-08
At2g46830	At4g29780	6.62E-07
At3g01140	At5g48250	2.70E-08
At2g46830	At2g02710	7.88E-06
At5g60850	At4g31550	1.10E-06
At4g18960	At4g24750	6.87E-07
At5g60910	At5g60010	1.61E-08
At5g35550	At2g41870	5.05E-06
At3g55370	At3g24740	1.27E-06
At4g18960	At3g45640	1.74E-06
At2g45650	At4g12400	6.27E-09
At4g02670	At1g03890	6.07E-09
At2g46830	At5g39590	9.03E-06
At1g45249	At3g02990	2.28E-07
At4g18960	At3g15050	1.90E-08
At5g13790	At3g27810	4.43E-06
At2g35530	At1g07010	8.66E-08
At4g18960	At3g10490	7.31E-06
At5g13790	At5g20330	6.87E-08
At2g46830	At1g80270	2.76E-06
At1g49720	At1g77090	5.52E-07
At3g55370	At3g09350	8.90E-08
At2g03710	At1g10020	1.16E-08
At4g18960	At3g07310	1.13E-06
At4g18960	At3g01160	4.68E-06
At2g46830	At5g59730	2.17E-06
At4g18960	At1g68610	8.53E-06
At5g35550	At1g02190	3.18E-07
At4g29940	At5g04340	9.62E-06
At5g60850	At2g21045	9.20E-06
At2g46830	At1g13260	1.67E-06
At5g35550	At4g07890	8.11E-06
At2g46830	At3g26170	2.13E-06
At2g02070	At5g09640	6.07E-09
At3g55370	At2g46240	8.90E-08
At5g65210	At3g13640	1.87E-06
At3g55370	At1g15880	2.70E-07
At2g45650	At1g10680	1.61E-08
At4g18960	At3g17720	4.98E-08
At1g07640	At2g25735	7.91E-06
At2g46830	At1g62620	6.70E-07
At4g18960	At1g13970	5.86E-06
At1g35515	At4g33980	2.70E-08
At1g22640	At1g56600	2.34E-06
At2g46830	At3g03080	3.72E-06
At4g18960	At5g39210	1.34E-08
At2g46830	At5g50790	9.85E-09
At2g35530	At3g02380	8.66E-08
At5g02030	At3g14740	9.14E-07
At1g32150	At5g22470	2.56E-09
At5g35550	At5g46180	8.10E-06
At1g07640	At5g65790	9.20E-06
At3g02940	At5g42900	2.70E-08
At2g47190	At1g14150	4.89E-09
At3g55370	At5g22810	2.91E-07
At2g46830	At3g24500	6.84E-06
At2g46830	At3g14070	1.99E-06
At2g46830	At2g35940	2.03E-07
At5g15800	At4g12880	2.12E-06
At2g03710	At1g06350	1.09E-07
At2g46830	At4g14870	3.29E-07
At2g46830	At2g46830	9.63E-07
At4g18960	At4g37740	7.47E-06
At2g46830	At4g16720	1.36E-07
At2g03710	At2g04220	1.61E-08
At4g13480	At4g16146	2.70E-08
At2g46830	At2g17950	7.99E-06
At1g32640	At1g01720	2.66E-06
At2g46830	At4g24000	1.46E-06
At1g59750	At1g54360	3.27E-06
At3g55370	At2g42200	4.26E-08
At2g45650	At4g36540	1.16E-08
At5g60850	At4g24570	3.14E-06
At2g46830	At4g13530	5.32E-07
At2g46830	At2g40140	3.50E-06
At4g34590	At3g20260	3.95E-06
At5g15800	At5g61620	1.61E-08
At4g18960	At3g07320	2.20E-06
At2g03710	At3g17010	2.00E-09
At4g18960	At2g20515	2.39E-08
At5g13790	At2g41730	2.10E-08
At4g18960	At1g34300	9.32E-06
At4g18960	At4g01180	6.72E-07
At4g18960	At5g57050	5.00E-08
At4g18960	At1g44350	3.42E-06
At1g49720	At1g01720	4.60E-07
At4g18960	At2g28400	5.00E-08
At4g21440	At5g39410	2.70E-08
At2g46830	At2g46900	3.77E-07
At5g60850	At5g15800	1.82E-07
At4g18960	At1g48410	2.11E-09
At4g18960	At5g39520	7.17E-06
At3g19290	At4g16160	8.05E-08
At5g02030	At5g23830	1.82E-06
At2g46830	At2g45460	1.96E-07
At5g13790	At2g47990	8.51E-08
At3g02310	At2g19040	1.61E-08
At2g46830	At4g03100	9.40E-08
At2g46270	At2g40000	3.72E-08
At2g46830	At1g66970	7.22E-07
At5g54230	At1g28050	2.70E-08
At2g46830	At3g19480	9.29E-06
At2g36010	At3g23770	6.93E-06
At2g46830	At5g19120	4.54E-08
At4g18960	At2g20060	1.54E-06
At5g35550	At5g13680	2.30E-07
At4g01120	At1g75100	8.66E-08
At5g02030	At1g12930	4.25E-06
At4g18960	At4g20490	8.15E-09

Transcription factor	Target Gene	*P*-Value
At4g18960	At1g28360	2.76E-07
At1g69120	At2g38470	2.34E-08
At1g24260	At3g58120	1.16E-08
At2g46830	At5g05410	3.71E-06
At1g49720	At2g31380	1.09E-08
At5g35550	At3g44930	8.97E-06
At4g18960	At1g70760	1.63E-06
At2g47190	At1g22170	1.61E-07
At3g61120	At3g17010	2.00E-09
At5g03150	At1g65090	6.07E-09
At1g49720	At1g74930	2.87E-06
At3g50410	At5g65790	9.20E-06
At5g02030	At4g21820	7.28E-06
At1g22640	At5g15800	3.06E-09
At3g55370	At1g59910	1.10E-06
At4g18960	At3g25110	2.20E-06
At5g35550	At5g57610	2.34E-06
At2g46830	At5g39870	1.49E-07
At5g06960	At2g26730	2.97E-07
At5g15310	At4g33980	2.70E-08
At2g16720	At1g28050	2.70E-08
At3g62420	At4g17340	6.18E-08
At5g44160	At5g10510	6.07E-09
At2g46830	At4g30480	2.01E-08
At2g46830	At3g03450	4.14E-06
At2g36010	At5g09730	1.16E-06
At5g35550	At5g12840	2.34E-06
At2g46830	At1g49750	4.56E-06
At3g50410	At5g04760	8.13E-06
At3g50410	At3g26890	2.70E-07
At4g38620	At2g34620	9.13E-07
At2g03710	At4g29780	1.39E-06
At2g36010	At2g45650	3.25E-06
At2g46830	At1g02475	1.08E-06
At4g18960	At1g27730	1.37E-06
At5g35550	At1g21250	5.86E-08
At2g03710	At5g03740	3.53E-06
At1g59750	At2g01060	3.27E-06
At4g25470	At2g25540	6.74E-08
At2g46830	At4g26760	2.05E-06
At2g46830	At1g09070	3.10E-06
At1g59750	At1g10200	5.64E-06
At3g55370	At5g10660	1.33E-06
At4g29940	At1g63720	9.62E-06
At2g36010	At1g73540	6.57E-08
At5g15800	At5g13080	1.89E-08
At2g46830	At1g74220	7.26E-07
At4g18960	At1g49750	1.05E-08
At4g18960	At3g59660	7.01E-07
At1g74650	At5g48250	2.70E-08
At5g60910	At3g07090	6.27E-09
At4g18960	At3g14210	1.27E-07
At2g46830	At5g42920	1.80E-07
At2g46830	At3g22790	3.89E-06
At2g46830	At4g25810	4.60E-06
At1g69120	At5g44680	1.16E-08
At1g07640	At2g20740	2.70E-07
At1g69120	At3g53740	2.66E-06
At3g62420	At5g48360	3.95E-06
At2g46830	At5g46920	3.55E-08
At2g46830	At2g17410	8.70E-08
At2g02080	At1g28360	6.07E-09
At3g20770	At1g74930	7.62E-06
At2g36010	At1g02190	3.25E-06
At5g35550	At2g46360	8.97E-06
At1g59750	At1g80840	1.04E-06
At4g18960	At3g24830	9.55E-08
At4g18960	At5g47930	3.01E-06
At1g45249	At4g27657	4.54E-07
At4g36730	At1g32900	8.66E-08
At5g60850	At5g19860	2.70E-07
At4g18960	At3g23600	3.28E-09
At1g49720	At2g34500	1.28E-07
At1g69120	At4g35570	2.66E-06
At5g44160	At2g41070	6.07E-09
At3g19290	At5g35320	3.08E-07
At1g32150	At1g65090	2.56E-09
At3g09230	At3g48530	8.89E-06
At2g46830	At4g21440	4.53E-06
At5g60470	At3g01570	6.07E-09
At2g46830	At5g59780	1.18E-08
At2g46830	At1g31920	5.66E-06
At2g46830	At4g17900	1.66E-06
At4g18960	At1g31920	8.30E-06
At2g46830	At5g18490	1.94E-06
At2g46830	At5g01890	8.98E-06
At1g69120	At3g42960	2.09E-09
At1g69120	At3g10530	3.83E-06
At4g18960	At3g56400	4.88E-06
At3g28910	At5g61380	2.70E-08
At4g18960	At4g02280	7.17E-06
At4g18960	At3g55980	2.81E-08
At5g65210	At2g18700	4.52E-06
At3g55370	At3g10930	3.14E-06
At2g46830	At3g05920	1.25E-06
At4g18960	At2g18110	9.00E-07
At5g03150	At5g10510	6.07E-09
At5g60850	At1g63470	9.36E-06
At3g50410	At1g63710	3.93E-06
At2g46830	At5g05950	1.06E-06
At2g46830	At3g06490	8.82E-07
At3g19290	At5g06980	6.83E-08
At2g46830	At5g02020	2.10E-06
At1g49720	At1g75490	2.56E-09
At4g18960	At2g25930	8.53E-07
At5g61850	At5g52820	1.14E-09
At2g46830	At5g04140	2.81E-07
At2g46830	At5g63880	2.78E-08
At3g55370	At1g15360	3.93E-06
At2g46830	At5g50160	1.08E-06
At4g01120	At1g01060	1.39E-08
At2g46830	At2g23660	3.99E-07
At4g18960	At1g16490	1.90E-08
At2g46830	At4g08685	6.91E-06
At1g03840	At3g01570	6.07E-09
At2g03710	At5g67420	3.35E-07
At2g46830	At2g04790	1.53E-06
At1g45249	At1g06040	1.19E-09
At3g55370	At1g16705	1.82E-07
At2g46830	At1g13300	6.06E-07
At4g18960	At5g42420	3.53E-06
At3g24310	At1g17665	2.70E-08
At4g18960	At2g40080	8.53E-07
At4g34590	At5g63790	6.80E-06
At2g46830	At1g69450	3.10E-07
At1g07640	At5g39520	4.13E-06
At1g07640	At5g48400	3.03E-08
At3g50410	At5g46180	4.13E-06
At1g49720	At1g12360	2.38E-06
At4g18960	At5g35630	3.07E-09
At2g03710	At4g30590	2.91E-06
At1g07640	At5g44630	4.26E-08
At5g13790	At1g66120	4.43E-06
At4g18960	At4g17500	4.45E-06
At3g45260	At5g09640	6.07E-09
At3g58780	At2g39190	2.09E-06
At4g18960	At3g57140	2.96E-07
At2g35530	At4g21020	2.56E-09
At1g22640	At1g16705	3.06E-09
At1g22640	At1g14280	7.45E-06
At4g18960	At1g62990	3.31E-06
At2g46830	At5g63790	3.71E-06
At4g18960	At1g30210	7.79E-06
At3g55370	At1g34670	9.20E-06
At5g06960	At2g04790	5.78E-06
At5g65210	At3g02990	5.01E-06
At1g59750	At5g63810	5.64E-06
At1g49720	At4g25620	4.54E-07
At3g55370	At3g19580	8.13E-06
At5g02030	At1g50600	1.81E-06
At1g59750	At1g64500	5.73E-08
At2g46830	At3g15950	4.04E-07
At2g46830	At1g63190	3.36E-06
At1g32640	At5g19360	1.35E-07
At4g18960	At1g07440	1.05E-08
At5g10030	At1g28470	1.12E-07
At2g46830	At1g08980	1.04E-06
At1g59750	At1g70290	1.06E-06
At3g11440	At1g28050	2.70E-08

Transcription factor	Target Gene	*P*-Value
At4g18960	At5g48140	5.78E-08
At5g02030	At1g16070	7.28E-06
At2g46830	At4g18360	5.70E-07
At1g07640	At3g28715	2.70E-07
At4g18960	At3g02790	2.18E-06
At4g09460	At5g42900	2.70E-08
At4g18960	At2g19770	8.65E-07
At2g22430	At5g22740	1.93E-06
At1g32640	At5g46770	1.35E-07
At3g50410	At5g04340	8.13E-06
At2g03710	At4g27652	1.39E-06
At3g50410	At5g61600	3.14E-06
At4g18960	At3g16050	5.34E-06
At5g06960	At5g18140	5.78E-06
At5g02030	At5g59870	9.14E-07
At2g46830	At5g51130	5.32E-07
At4g18960	At1g19210	3.14E-06
At4g18960	At5g02810	1.68E-06
At1g59750	At1g27730	1.04E-06
At2g36010	At1g15880	6.49E-07
At3g23240	At1g62070	3.82E-09
At5g35550	At2g31880	5.86E-08
At2g46830	At5g08000	9.28E-08
At2g46830	At5g11600	1.52E-07
At2g45650	At2g04220	1.61E-08
At4g18960	At3g46620	4.12E-06
At1g75390	At2g46270	6.80E-06
At2g46830	At2g29290	8.36E-07
At5g60850	At1g27370	4.26E-08
At2g46830	At1g10170	6.42E-08
At4g18960	At3g49900	6.88E-08
At4g18960	At5g28640	8.41E-06
At1g59750	At2g03550	6.97E-07
At5g60910	At1g11040	1.61E-08
At1g03840	At3g10200	6.07E-09
At2g47190	At1g74880	4.89E-09
At1g22640	At4g36540	7.45E-06
At4g18960	At3g53370	6.69E-06
At4g18960	At4g17690	4.45E-06
At1g24260	At1g18620	1.16E-08
At3g55370	At1g69490	4.13E-06
At2g46830	At1g14530	1.99E-06
At5g15800	At3g02310	3.42E-08
At3g50410	At5g35390	1.33E-06
At5g35550	At1g59640	1.35E-06
At1g18570	At2g40080	2.70E-08
At3g58780	At1g18850	8.51E-08
At2g46830	At5g53950	6.70E-07
At2g46830	At3g17220	3.03E-08
At2g46830	At5g65210	3.05E-06
At2g46830	At1g74540	7.12E-06
At1g32640	At4g38660	7.96E-07
At5g13790	At1g05575	4.45E-06
At4g18960	At2g21045	3.04E-06
At4g18960	At3g59420	1.99E-06
At4g18960	At1g21000	2.11E-06
At5g35550	At1g74220	8.97E-06
At2g46830	At3g54250	8.90E-06
At2g46830	At1g06460	8.21E-06
At3g55370	At5g19860	2.70E-07
At5g60850	At5g04760	8.13E-06
At1g49720	At1g32350	1.28E-07
At5g35550	At3g17160	3.55E-06
At2g46830	At1g61010	1.80E-07
At3g19290	At3g24500	3.08E-07
At5g35550	At3g04960	2.91E-06
At1g07640	At1g03240	1.27E-06
At4g18960	At5g63190	6.22E-07
At2g46830	At4g22820	3.02E-06
At1g59750	At2g36060	3.27E-06
At4g18960	At1g23590	4.87E-07
At2g46830	At1g63800	1.42E-06
At1g49720	At3g12960	2.28E-07
At1g59750	At3g44260	1.04E-06
At4g18960	At4g36990	9.21E-07
At2g46830	At3g60780	6.75E-08
At3g23240	At1g14200	9.54E-06
At4g18960	At3g13510	7.43E-06
At2g46830	At3g03240	6.70E-07
At4g18960	At1g26820	5.83E-06
At4g18960	At3g21870	6.80E-06
At1g22640	At3g01690	7.45E-06
At2g03710	At5g67340	2.11E-07
At2g03710	At1g14420	8.16E-06
At2g46830	At3g02380	2.60E-06
At4g18960	At5g49180	5.82E-07
At5g60850	At5g61890	3.03E-08
At2g46830	At1g67310	9.00E-06
At3g62420	At2g28400	6.80E-06
At2g46830	At3g25160	3.17E-07
At2g03710	At2g25625	7.17E-06
At4g18960	At1g10170	2.10E-08
At4g18960	At1g32920	2.81E-08
At4g18960	At4g21750	4.01E-06
At4g18960	At5g54490	8.13E-06
At1g59750	At3g04960	8.91E-06
At4g18960	At2g45610	2.82E-06
At2g03710	At4g34400	2.00E-09
At4g18960	At3g10530	5.35E-07
At5g10030	At3g61650	6.56E-06
At4g18960	At5g60140	5.82E-07
At2g46830	At5g52660	2.61E-07
At1g49720	At3g07650	5.34E-08
At4g18960	At4g01250	6.48E-06
At4g18960	At1g22970	5.89E-06
At5g06960	At1g26670	3.90E-06
At1g69120	At1g10680	1.61E-08
At4g29940	At3g59550	6.43E-06
At5g65210	At5g06760	5.01E-06
At1g59750	At1g27380	9.99E-07
At3g50410	At5g44620	4.26E-08
At2g46830	At3g25610	2.97E-06
At1g35515	At3g46640	2.70E-08
At4g18960	At1g74070	6.80E-06
At4g18960	At4g24160	4.12E-06
At2g46830	At4g02930	4.14E-06
At2g36010	At1g15350	1.06E-09
At2g03710	At1g15740	9.15E-06
At1g26310	At4g12400	6.27E-09
At5g10030	At2g34620	5.78E-06
At2g46830	At2g36770	6.96E-07
At2g46830	At2g34520	1.59E-08
At2g46830	At2g24100	3.30E-07
At5g60850	At2g35380	9.20E-06
At3g28910	At5g42900	2.70E-08
At4g18960	At2g03060	4.74E-07
At3g09230	At5g54080	8.89E-06
At4g18960	At4g25970	1.18E-08
At4g18960	At4g34400	2.63E-09
At4g29940	At3g55020	1.28E-09
At1g59750	At2g31380	5.73E-08
At2g46830	At4g26440	3.72E-06
At4g18960	At5g45310	9.14E-07
At1g69120	At1g72820	5.51E-06
At4g18960	At3g12960	3.54E-07
At5g60850	At1g80160	4.13E-06
At2g46830	At1g23240	7.99E-06
At2g46830	At4g12890	1.48E-06
At3g58780	At1g66120	4.43E-06
At2g46830	At3g62260	1.57E-07
At2g22430	At3g06070	9.99E-06
At4g18960	At3g53410	4.90E-07
At5g60850	At3g45640	7.91E-06
At1g32640	At3g15210	2.84E-06
At2g46830	At3g50060	8.27E-06
At1g07640	At4g11660	8.90E-08
At3g55370	At4g17840	4.55E-08
At4g18960	At2g28070	5.73E-06
At5g35550	At5g58260	4.89E-09
At4g18960	At1g51640	5.67E-06
At5g60850	At2g20560	8.90E-08
At4g18960	At3g02380	5.44E-07
At4g18960	At2g47910	2.85E-07
At2g18160	At2g46270	6.80E-06
At5g13790	At2g29540	8.51E-08
At5g60850	At4g36500	7.91E-06
At2g46830	At5g51660	1.42E-06
At2g46830	At1g69420	4.00E-08
At1g07640	At1g66080	8.90E-08

Transcription factor	Target Gene	*P*-Value
At1g03840	At1g28360	6.07E-09
At4g18960	At1g27300	2.15E-08
At1g59750	At1g30330	6.47E-06
At2g46830	At3g04690	3.80E-06
At2g46830	At5g52240	1.31E-07
At2g46830	At4g00870	5.16E-06
At1g24260	At3g24500	6.27E-09
At2g46830	At3g07830	7.55E-06
At3g58780	At3g28830	1.55E-07
At2g46830	At5g05340	1.67E-06
At5g60850	At1g32960	3.03E-08
At4g18960	At1g75460	1.63E-06
At2g46830	At2g17180	7.41E-06
At3g50410	At3g17840	9.36E-06
At1g24260	At1g14280	1.16E-08
At5g60910	At1g18620	1.16E-08
At1g49720	At3g19580	1.60E-06
At1g07640	At5g46350	3.03E-08
At5g35550	At1g11190	7.00E-06
At3g09230	At5g47390	5.79E-07
At5g55020	At4g33980	2.70E-08
At1g45249	At3g59700	1.82E-06
At1g08810	At1g28050	2.70E-08
At5g35550	At4g14695	4.72E-06
At5g13790	At3g01530	4.43E-06
At1g45249	At4g01050	5.52E-07
At4g09460	At5g48250	2.70E-08
At4g18960	At1g62030	3.44E-06
At5g35550	At3g13640	4.72E-06
At2g46830	At5g28770	1.09E-06
At2g46830	At3g46040	5.05E-06
At2g32460	At5g39410	2.70E-08
At1g49720	At5g66730	2.56E-09
At3g62420	At3g15050	3.06E-06
At3g55370	At2g35380	9.20E-06
At2g22430	At1g23870	3.52E-06
At2g18160	At3g19580	6.80E-06
At3g24310	At5g39410	2.70E-08
At3g50410	At1g44000	3.35E-07
At4g18960	At5g42920	1.13E-08
At2g46830	At1g70470	5.85E-06
At4g34590	At3g62260	6.80E-06
At4g18960	At4g34980	5.73E-06
At4g38620	At5g47635	6.84E-06
At2g35530	At1g03890	2.56E-09
At1g07640	At5g04760	8.13E-06
At4g18960	At2g44870	1.27E-07
At3g09230	At4g21710	6.83E-06
At2g46830	At3g12160	3.82E-08
At2g22430	At3g21190	1.93E-06
At2g47190	At5g61850	7.48E-06
At2g22430	At3g26140	1.47E-06
At2g46830	At5g42250	7.25E-06
At2g46830	At1g22130	2.42E-06
At3g50410	At2g02970	1.27E-06
At2g14210	At1g08150	1.61E-08
At2g46830	At4g02840	5.05E-06
At4g18960	At3g61230	1.87E-06
At5g60850	At5g35390	1.33E-06
At5g60910	At1g33240	1.16E-08
At2g46830	At1g63910	5.97E-06
At1g59750	At3g42960	4.83E-06
At4g18960	At3g14630	6.52E-06
At4g18960	At4g04450	5.29E-06
At5g60850	At5g44990	3.03E-08
At4g18960	At1g34190	4.10E-07
At3g01140	At5g39410	2.70E-08
At2g46270	At5g06980	5.83E-09
At1g26310	At2g26150	6.27E-09
At5g35550	At2g18510	2.30E-07
At4g18960	At5g17300	5.44E-07
At2g46830	At3g59550	1.33E-07
At2g46830	At4g00400	5.87E-06
At2g47190	At5g15800	2.91E-06
At4g18960	At2g23810	1.74E-06
At4g18960	At2g34520	3.01E-06
At2g46830	At5g41970	7.55E-07
At5g06960	At5g19860	3.90E-06
At2g46830	At4g19860	3.98E-07
At4g18960	At2g41090	4.88E-06
At3g19290	At1g69490	3.73E-08
At1g14580	At1g03890	6.07E-09
At4g18960	At3g04070	2.15E-08
At2g46830	At5g04280	1.86E-07
At2g14210	At1g69180	2.00E-09
At4g18960	At4g13830	5.81E-06
At2g46830	At1g07000	5.40E-08
At2g46830	At3g58450	2.99E-06
At4g01120	At5g15850	8.66E-08
At3g50410	At1g52880	4.55E-08
At2g46830	At5g44630	1.61E-09
At4g18960	At2g43010	1.68E-06
At2g46830	At1g17020	3.75E-06
At3g55370	At5g13330	4.13E-06
At4g18960	At3g14990	5.27E-06
At3g24310	At5g48250	2.70E-08
At4g18960	At1g06990	4.87E-07
At4g18960	At2g30240	3.05E-06
At5g02030	At5g10390	9.14E-07
At5g60850	At5g51750	9.36E-06
At1g68130	At5g09640	6.07E-09
At3g50410	At5g44990	3.03E-08
At5g65210	At1g70290	4.52E-06
At3g55370	At1g55370	3.35E-07
At1g69120	At1g08150	1.61E-08
At5g60850	At4g16110	1.27E-06
At2g46830	At5g24470	1.34E-06
At4g18960	At4g38210	2.39E-08
At4g18960	At5g63130	1.37E-06
At5g61850	At2g36930	1.14E-09
At2g46830	At1g27730	8.04E-07
At2g32460	At5g61380	2.70E-08
At4g18960	At1g14440	4.01E-06
At1g68840	At3g22790	2.97E-06
At4g38620	At2g36930	2.11E-06
At2g46830	At3g55180	4.32E-07
At2g16720	At3g46640	2.70E-08
At2g46830	At3g08970	5.26E-06
At2g46830	At5g06110	1.77E-08
At1g32640	At4g26760	7.96E-07
At4g18960	At1g56300	1.75E-06
At4g18960	At2g46770	5.47E-06
At1g49720	At4g05020	5.68E-09
At5g12870	At1g17665	2.70E-08
At1g59750	At5g26850	6.47E-06
At4g01120	At4g25620	3.72E-08
At1g69120	At2g25900	5.51E-06
At1g69120	At5g61620	1.61E-08
At4g25490	At5g07810	4.88E-07
At1g45249	At4g03280	5.52E-07
At4g18960	At5g58300	3.37E-06
At2g46830	At1g17950	3.65E-07
At4g02670	At2g41070	6.07E-09
At2g46830	At5g64930	3.30E-07
At1g49720	At2g40000	4.54E-07
At2g47190	At1g61680	1.35E-06
At2g46830	At4g03150	1.57E-07
At4g18960	At1g14370	2.35E-07
At4g18960	At5g20370	8.15E-09
At1g49720	At1g62300	1.82E-06
At2g35530	At5g16200	3.72E-08
At5g13790	At1g16490	1.90E-08
At2g46830	At5g60890	4.04E-07
At4g18960	At4g38550	2.35E-07
At2g46830	At5g16830	5.04E-07
At2g01940	At1g03890	6.07E-09
At1g32640	At5g04340	4.30E-06
At2g03710	At1g48000	7.17E-06
At3g55370	At5g08000	9.36E-06
At4g18960	At3g56370	5.87E-06
At5g06960	At1g15350	3.90E-06
At3g02310	At3g17010	2.00E-09
At5g60850	At1g20510	7.91E-06
At2g46830	At1g75490	4.98E-06
At1g07640	At1g32780	3.93E-06
At1g45249	At5g04760	5.12E-09
At2g46830	At1g75020	3.22E-07
At4g18960	At3g22460	4.02E-06
At5g35550	At1g76600	3.40E-06

Transcription factor	Target Gene	*P*-Value
At2g46830	At3g13510	8.98E-06
At2g46270	At4g25620	3.72E-08
At3g50410	At3g03470	4.55E-08
At4g18960	At2g29650	1.68E-06
At2g46830	At1g61730	2.78E-07
At1g69120	At1g70290	5.51E-06
At1g69120	At4g09960	2.72E-07
At4g18960	At1g76070	2.13E-06
At3g58780	At3g14380	4.43E-06
At3g55370	At1g52880	4.55E-08
At4g18960	At3g12580	1.21E-06
At2g46830	At5g47635	9.08E-07
At1g59750	At3g02380	5.73E-08
At4g18960	At1g07430	1.20E-06
At4g18960	At4g30690	4.10E-06
At4g18960	At2g44260	3.31E-06
At2g46830	At2g15325	2.49E-06
At2g46830	At1g07850	1.76E-07
At4g18960	At1g27360	8.78E-06
At4g18960	At5g06550	1.11E-06
At2g46830	At2g34640	3.06E-06
At2g36011	At2g45650	3.25E-06
At2g03710	At1g66150	1.16E-08
At4g18960	At5g35790	6.42E-07
At4g18960	At3g63040	1.89E-07
At4g18960	At4g04640	3.07E-09
At5g65210	At5g66780	5.01E-06
At2g46830	At2g02070	1.57E-07
At3g50410	At5g15800	1.82E-07
At4g18960	At4g30170	6.01E-06
At1g59750	At3g02310	8.91E-06
At2g46830	At1g80750	9.16E-06
At2g46830	At2g20450	8.15E-06
At2g46830	At1g14370	2.01E-06
At1g45249	At2g41250	3.52E-07
At4g18960	At3g05920	6.01E-06
At2g46830	At5g62710	2.78E-07
At2g46830	At3g55200	1.03E-06
At4g18960	At2g10970	7.82E-09
At4g18960	At3g46600	1.74E-06
At3g23240	At2g01540	8.72E-07
At1g69120	At1g69450	1.27E-06
At1g32640	At3g13750	2.10E-06
At4g18960	At3g60630	7.69E-07
At4g18960	At5g58400	6.87E-08
At2g46830	At3g14630	2.59E-07
At4g18960	At1g78160	5.29E-06
At4g18960	At3g12160	4.01E-09
At5g60850	At2g40420	2.70E-07
At4g18960	At1g53230	7.79E-06
At3g55370	At5g14940	4.55E-08
At2g45650	At2g26150	6.27E-09
At1g22640	At4g20110	5.82E-06
At5g60850	At3g44260	3.14E-06
At2g46830	At4g38540	7.10E-08
At3g09230	At1g28470	2.70E-06
At3g50410	At1g66080	8.90E-08
At4g18960	At3g04640	3.48E-07
At4g18960	At3g50070	5.14E-07
At5g35550	At3g60920	8.11E-06
At2g46830	At1g77770	3.43E-06
At1g69120	At4g05590	1.27E-06
At4g18960	At3g51490	3.05E-06
At2g46830	At1g06350	5.87E-06
At3g50410	At2g35980	3.03E-08
At2g46830	At2g13690	5.89E-06
At4g18960	At5g39220	1.78E-07
At5g13790	At4g33330	1.90E-08
At2g46830	At5g07560	2.17E-07
At2g46830	At2g37080	4.23E-06
At1g75390	At1g09610	3.06E-06
At2g46830	At5g39210	1.57E-07
At2g46830	At1g72970	2.34E-06
At1g45249	At1g17380	2.87E-06
At5g06960	At1g25510	8.30E-07
At5g54230	At5g61380	2.70E-08
At2g46830	At3g05960	6.13E-06
At5g35550	At4g38000	6.78E-07
At2g46830	At5g18140	1.53E-06
At2g46830	At5g45130	1.14E-07
At4g18960	At1g01480	2.36E-06
At5g65210	At1g28050	2.66E-09
At2g46830	At1g71691	2.76E-08
At4g01120	At1g06040	5.83E-09
At4g18960	At1g12570	6.88E-08
At4g18960	At2g43320	7.09E-09
At2g46830	At3g25140	8.90E-06
At2g46830	At3g62410	2.81E-07
At1g35515	At2g40080	2.70E-08
At2g46830	At5g52010	3.06E-06
At1g45249	At2g46830	1.09E-08
At1g32640	At3g13510	7.96E-07
At3g23240	At1g76590	8.72E-07
At4g18960	At1g62360	2.63E-09
At5g13790	At3g28830	1.55E-07
At3g13810	At3g10200	6.07E-09
At3g09230	At5g03970	6.83E-06
At4g18960	At2g25890	6.69E-06
At2g46830	At2g20190	4.25E-06
At1g49720	At2g34600	2.87E-06
At4g18960	At2g34500	1.89E-08
At4g18960	At4g02640	4.90E-07
At4g18960	At5g02020	2.11E-06
At2g46830	At2g18700	7.88E-06
At5g65210	At1g16705	1.87E-06
At2g46830	At1g14420	1.76E-06
At4g18960	At1g75790	6.20E-06
At2g46830	At3g42860	5.32E-07
At2g22430	At5g46180	1.13E-06
At2g46830	At1g71030	4.87E-06
At4g18960	At1g19370	1.75E-06
At4g18960	At3g16460	6.67E-06
At2g46830	At1g79040	5.79E-08
At5g13790	At4g00870	8.78E-06
At4g29940	At2g44190	6.43E-06
At1g08810	At5g42900	2.70E-08
At5g10030	At4g36180	6.56E-06
At4g18960	At1g18620	6.27E-06
At5g02030	At4g36540	2.97E-07
At5g02030	At1g69450	6.29E-09
At1g68840	At2g43500	4.77E-07
At1g07640	At4g27280	3.14E-06
At5g15310	At1g28050	2.70E-08
At2g46830	At3g46930	5.04E-07
At3g58780	At2g31930	1.90E-08
At4g18960	At5g44630	1.16E-07
At1g59750	At1g09690	9.43E-06
At3g50410	At4g24570	3.14E-06
At1g07640	At3g04070	4.13E-06
At2g22430	At5g04760	8.05E-06
At2g46830	At3g04940	7.80E-08
At3g61250	At1g17665	2.70E-08
At1g49720	At2g04050	5.68E-09
At3g30260	At4g12400	6.27E-09
At2g46830	At2g47910	2.57E-08
At5g60910	At2g20560	6.27E-09
At1g07640	At3g51770	1.27E-06
At4g38620	At2g31380	6.44E-06
At2g46830	At1g76990	9.39E-07
At1g45249	At1g75490	2.56E-09
At2g46830	At1g77270	1.89E-06
At4g18960	At4g26760	4.11E-07
At2g22430	At1g73260	1.13E-06
At4g18960	At5g66940	8.72E-07
At1g49720	At3g51510	5.52E-07
At2g22430	At4g09650	2.05E-06
At5g60850	At4g20160	1.33E-06
At2g46830	At4g34150	3.83E-07
At2g46830	At4g34400	6.70E-07
At4g18960	At1g19780	4.74E-07
At4g18960	At5g52400	2.21E-06
At3g30260	At1g33240	1.16E-08
At2g46830	At1g73230	6.07E-06
At2g45650	At1g08150	1.61E-08
At2g18160	At1g07120	3.06E-06
At4g18960	At5g65700	2.25E-06
At1g45249	At5g64170	1.19E-09
At4g18960	At5g22740	2.20E-06
At3g50410	At5g11210	3.03E-08

Transcription factor	Target Gene	*P*-Value
At3g55370	At5g51750	9.36E-06
At3g58780	At5g60410	2.09E-06
At4g18960	At1g35680	6.87E-07
At4g18960	At5g07520	4.87E-07
At2g46830	At1g74070	1.53E-06
At1g69120	At3g07310	5.51E-06
At4g18960	At1g68620	1.89E-08
At1g59750	At1g69620	9.43E-06
At2g46830	At3g27690	4.87E-06
At2g46270	At2g29650	5.83E-09
At5g60850	At5g10090	1.33E-06
At2g46830	At3g48510	7.70E-06
At4g18960	At5g54630	8.30E-06
At1g69120	At1g14280	1.16E-08
At5g10280	At4g16146	2.70E-08
At2g46830	At1g35140	4.60E-06
At1g45249	At2g28400	4.60E-07
At2g46830	At3g55510	9.16E-06
At2g46830	At2g41380	2.34E-06
At3g50410	At1g03240	1.27E-06
At4g18960	At1g76600	4.45E-06
At4g18960	At1g55570	8.65E-07
At2g46270	At1g32900	8.66E-08
At4g18960	At1g70720	1.38E-06
At4g18960	At5g25530	7.18E-06
At5g13790	At3g26140	6.87E-08
At2g46830	At3g02110	2.34E-06
At2g46830	At1g78430	7.56E-06
At2g22430	At5g32450	2.05E-06
At5g06960	At3g13510	6.31E-06
At2g46830	At5g16505	5.99E-06
At2g46830	At2g32060	6.07E-06
At2g22430	At3g49790	3.52E-06
At2g46830	At4g37540	1.00E-09
At4g18960	At1g69180	9.00E-09
At4g18960	At1g65820	4.00E-07
At2g45650	At5g44680	1.16E-08
At2g46830	At1g12570	1.97E-06
At1g45249	At3g22370	5.68E-09
At3g58780	At4g36680	8.51E-08
At5g02030	At3g11660	3.33E-06
At1g25250	At1g03890	6.07E-09
At4g18960	At1g15690	7.69E-07
At2g36010	At4g24380	6.57E-08
At4g18960	At1g72050	4.68E-06
At2g47190	At5g28740	2.30E-07
At2g46830	At2g16850	4.00E-08
At2g46830	At3g05150	5.55E-06
At2g36011	At5g60930	4.35E-06
At4g18960	At1g07120	1.90E-08
At5g35550	At1g69480	5.05E-06
At2g35530	At2g34315	2.56E-09
At4g25490	At5g05510	4.88E-07
At2g46830	At5g49660	2.48E-06
At2g35530	At1g27100	3.72E-08
At2g46830	At5g52400	8.82E-07
At4g18960	At3g01650	3.84E-06
At2g46830	At5g55720	4.86E-06
At2g46830	At1g03890	6.70E-07
At5g10030	At1g15880	3.90E-06
At3g01140	At4g16146	2.70E-08
At1g59750	At3g03960	9.43E-06
At5g06100	At5g48250	2.70E-08
At3g02310	At1g33240	1.16E-08
At4g18960	At1g07520	2.89E-07
At2g46830	At1g72770	2.03E-07
At4g18960	At1g03890	2.76E-07
At4g18960	At5g39410	4.44E-06
At2g46830	At1g63840	1.14E-07
At1g07640	At3g11660	4.55E-08
At1g13260	At1g75100	9.83E-06
At2g22430	At5g20250	9.99E-06
At2g03710	At3g07090	6.27E-09
At4g18960	At5g46070	2.11E-09
At4g34990	At5g48250	2.70E-08
At1g49720	At4g27410	5.12E-09
At1g26310	At1g08150	1.61E-08
At3g55370	At3g26890	2.70E-07
At2g46830	At1g16240	3.77E-07
At4g18960	At3g06790	1.54E-06
At4g38620	At3g16720	9.58E-06
At1g07640	At4g36500	7.91E-06
At1g59750	At2g46830	5.73E-08
At1g59750	At3g61110	2.67E-07
At4g18960	At5g02860	5.88E-07
At2g46830	At4g21430	2.05E-06
At4g25490	At5g53220	5.66E-06
At4g18960	At3g15950	6.67E-06
At5g02030	At1g10200	1.39E-06
At5g35550	At3g14090	8.07E-07
At1g22640	At1g56300	5.92E-06
At3g55370	At2g18280	2.70E-07
At2g46830	At1g07180	6.29E-07
At3g23240	At3g28007	5.51E-06
At4g18960	At3g24490	6.53E-06
At4g18960	At3g28500	3.42E-08
At3g19290	At1g14200	3.08E-07
At2g47190	At1g69180	7.48E-06
At2g46830	At2g30690	3.99E-07
At5g13790	At3g15050	1.90E-08
At4g18960	At3g05020	2.20E-06
At4g18960	At5g08520	2.34E-06
At5g65210	At1g66410	8.84E-08
At5g66730	At2g41070	6.07E-09
At3g02310	At2g20560	6.27E-09
At3g58780	At5g04540	2.10E-08
At5g10030	At1g23080	2.97E-07
At1g49720	At5g42900	5.34E-08
At2g46830	At3g58120	1.37E-07
At1g07640	At1g24260	1.82E-07
At4g18960	At4g38960	8.61E-06
At1g59750	At2g29570	9.43E-06
At3g30260	At5g20340	1.61E-08
At4g18960	At4g20020	3.53E-06
At5g02030	At2g39900	1.39E-06
At5g60850	At1g03240	1.27E-06
At2g46830	At1g27300	1.10E-07
At4g18960	At3g46750	4.45E-06
At4g18960	At4g09150	4.01E-09
At5g35550	At4g34000	5.05E-06
At1g32640	At4g25620	2.46E-07
At4g18960	At4g10020	6.52E-06
At5g35550	At1g26670	6.86E-06
At2g46830	At5g60140	1.48E-06
At1g49720	At3g11410	5.12E-09
At4g18960	At3g49210	6.19E-08
At5g60850	At5g55720	3.93E-06
At1g22640	At3g48510	2.34E-06
At2g46830	At1g61870	2.78E-07
At2g46830	At1g04880	3.82E-08
At2g46830	At5g59440	6.85E-06
At1g35515	At1g17665	2.70E-08
At4g18960	At4g17800	6.01E-06
At2g14210	At3g58120	1.16E-08
At4g18960	At2g20050	1.87E-06
At2g46830	At2g25735	5.89E-06
At2g46830	At2g04220	1.61E-06
At4g01120	At3g50060	3.72E-08
At4g25490	At2g19320	5.66E-06
At4g18960	At3g06830	8.53E-06
At4g29940	At5g35430	1.28E-09
At4g18960	At1g63190	1.72E-06
At3g09230	At1g23390	5.79E-07
At1g59750	At5g61590	1.06E-06
At1g32640	At2g15650	1.35E-07
At1g49720	At3g22370	5.68E-09
At1g32640	At3g23250	2.99E-07
At5g13790	At5g60410	2.09E-06
At2g46830	At2g20050	9.25E-06
At4g18960	At1g60200	1.90E-07
At5g35550	At2g40750	5.86E-08
At2g46830	At5g01360	6.19E-07
At1g59750	At5g14120	1.06E-06
At2g01940	At5g07190	6.07E-09
At1g07640	At5g39610	4.13E-06
At1g07640	At5g63600	9.20E-06
At3g19290	At2g25930	2.40E-08
At3g55370	At5g44620	4.26E-08
At5g66730	At3g10200	6.07E-09

Transcription factor	Target Gene	*P*-Value
At4g18960	At5g42290	3.54E-07
At2g45650	At1g26310	2.00E-09
At1g45249	At2g34500	1.28E-07
At1g49720	At2g44840	2.87E-06
At2g46830	At5g42900	1.75E-06
At2g03710	At3g14310	3.38E-06
At5g35550	At1g65820	5.82E-06
At1g68840	At5g57660	4.50E-06
At3g55370	At4g32150	2.70E-07
At2g03710	At5g35320	6.27E-09
At4g18960	At5g52780	1.05E-08
At2g36010	At4g29780	6.57E-08
At4g18960	At2g45460	5.94E-06
At2g47190	At2g45870	1.61E-07
At3g50410	At1g59910	1.10E-06
At5g65210	At1g07350	2.53E-06
At2g46830	At5g61980	5.55E-06
At4g18960	At5g14870	1.07E-06
At2g47190	At4g22140	3.55E-06
At4g18960	At1g68670	7.23E-07
At3g58780	At1g33680	2.09E-06
At4g18960	At1g67640	9.50E-06
At4g18960	At5g21150	1.16E-07
At5g13790	At1g07120	1.90E-08
At2g46830	At5g61620	1.61E-06
At2g46830	At4g37010	5.70E-07
At2g03710	At2g04690	9.15E-06
At1g32640	At5g11060	1.05E-06
At2g46830	At1g72520	4.69E-06
At4g18960	At1g22170	8.38E-07
At4g18960	At2g01650	7.01E-07
At2g46830	At5g09550	4.72E-08
At2g36010	At1g61340	6.57E-08
At4g18960	At5g05510	8.89E-07
At2g22430	At5g41600	1.93E-06
At3g62420	At2g04690	2.59E-08
At1g32640	At2g34600	3.57E-07
At4g18960	At5g25450	4.01E-09
At3g19290	At1g21000	3.73E-08
At2g46830	At3g53430	1.36E-07
At4g18960	At3g01470	3.28E-09
At4g34590	At3g50220	3.06E-06
At2g47190	At1g75300	1.35E-06
At2g46830	At3g07510	9.25E-07
At2g46830	At3g03380	8.90E-09
At2g46830	At2g47190	3.75E-06
At4g18960	At4g12750	5.88E-07
At4g18960	At1g30710	1.75E-06
At5g65210	At1g16850	5.01E-06
At5g65210	At3g48510	5.01E-06
At5g15800	At5g35320	6.27E-09
At2g46830	At2g15650	4.32E-07
At2g36010	At4g27654	6.57E-08
At4g18960	At4g32940	3.68E-06
At2g46830	At5g60410	8.90E-09
At2g46830	At5g44320	2.58E-06
At4g18960	At2g03200	5.83E-06
At4g01680	At2g40080	2.70E-08
At5g60850	At4g00870	4.26E-08
At2g47190	At2g18300	2.81E-08
At2g46830	At1g26230	2.57E-08
At2g03710	At1g57820	3.53E-06
At4g18960	At5g20340	9.50E-06
At5g35550	At1g69450	5.82E-06
At1g69120	At5g47390	5.51E-06
At3g50410	At4g01250	1.10E-06
At3g61120	At1g10680	1.61E-08
At3g61120	At1g74310	6.27E-09
At4g18960	At2g46900	1.99E-07
At5g13790	At1g72220	1.90E-08
At1g69120	At2g04220	1.61E-08
At4g18960	At4g05590	1.39E-06
At5g02030	At3g02340	6.66E-07
At2g22430	At1g48000	2.50E-06
At5g10030	At2g01580	1.12E-07
At5g35550	At3g60300	6.86E-06
At2g46830	At4g01010	5.40E-08
At5g35550	At1g44810	3.55E-06
At5g35550	At3g59420	3.18E-07
At2g46830	At5g17380	6.96E-07
At2g46830	At4g25860	5.16E-06
At1g49720	At1g16850	2.28E-07
At5g35550	At2g40140	3.40E-06
At2g46830	At5g64200	8.78E-07
At3g61120	At4g01330	1.16E-08
At4g18960	At1g27370	8.78E-06
At4g18960	At1g10780	1.92E-06
At1g45249	At5g58330	5.52E-07
At2g46830	At2g27100	1.86E-07
At1g59750	At5g22920	1.06E-06
At4g18960	At5g19410	1.47E-06
At2g46830	At4g36040	4.56E-07
At2g46830	At1g69690	7.20E-06
At3g55370	At1g20510	7.91E-06
At3g13810	At2g41070	6.07E-09
At2g46830	At3g01330	1.26E-07
At3g61120	At5g61850	2.00E-09
At2g46830	At1g71000	5.26E-06
At2g46830	At5g42290	1.50E-06
At5g02030	At3g19480	1.59E-06
At2g46270	At3g02380	8.66E-08
At2g46830	At2g37120	1.06E-06
At5g06960	At1g20010	2.97E-07
At5g06960	At2g25270	6.56E-06
At5g54230	At5g48250	2.70E-08
At3g02940	At2g40080	2.70E-08
At4g18960	At5g06960	1.56E-09
At4g18960	At3g26110	5.78E-08
At5g35550	At1g23710	3.40E-06
At2g46830	At5g56220	6.05E-07
At2g46830	At3g01160	9.16E-06
At4g18960	At3g54150	2.11E-07
At4g18960	At5g62690	2.13E-07
At2g45650	At1g10020	1.16E-08
At2g03710	At1g71090	9.15E-06
At2g46830	At3g11510	1.36E-07
At1g55110	At1g28360	6.07E-09
At5g02030	At1g72250	7.28E-06
At1g22640	At1g17665	2.70E-08
At4g18960	At2g39900	3.53E-06
At2g47190	At5g04200	7.00E-06
At2g46830	At2g04800	6.06E-07
At1g45249	At1g03600	5.52E-07
At5g02030	At1g18620	2.97E-07
At2g36010	At3g28715	6.49E-07
At3g50410	At5g55720	3.93E-06
At1g07640	At1g76110	3.35E-07
At2g18160	At1g63910	3.06E-06
At4g18960	At1g57820	3.53E-06
At4g18960	At4g28380	5.47E-06
At4g29940	At3g19580	9.62E-06
At1g49720	At3g05200	4.54E-07
At1g55110	At5g10510	6.07E-09
At4g18960	At4g05020	4.28E-06
At3g27810	At2g40080	2.70E-08
At5g60910	At3g24500	6.27E-09
At2g46830	At1g43800	5.90E-06
At2g46830	At1g07540	1.76E-07
At3g23240	At5g11600	8.72E-07
At2g46830	At3g56710	1.68E-06
At2g46830	At5g44090	4.41E-06
At2g46830	At3g55870	1.42E-06
At2g46830	At1g20410	5.25E-06
At2g26960	At5g42900	2.70E-08
At2g46830	At5g05610	1.89E-07
At2g46830	At4g30220	5.05E-06
At1g69120	At2g36930	5.41E-06
At5g60850	At2g45650	1.82E-07
At4g18960	At4g32551	2.11E-09
At4g18960	At5g51190	8.13E-06
At2g46830	At1g15360	1.42E-06
At4g18960	At2g24090	7.43E-06
At5g13790	At3g04070	2.15E-08
At5g60910	At3g17010	2.00E-09
At2g46830	At2g38800	1.07E-06
At2g46830	At3g50670	6.85E-06
At4g18960	At3g60300	1.99E-07
At4g18960	At1g66120	4.43E-06
At5g02030	At5g15230	1.39E-06

Transcription factor	Target Gene	*P*-Value
At2g46830	At2g33830	5.29E-06
At2g36010	At3g01330	4.35E-06
At4g18960	At1g08980	4.10E-06
At3g23240	At1g03740	8.72E-07
At3g55370	At5g60210	9.36E-06
At2g46830	At5g42080	3.75E-08
At4g18960	At2g35680	4.90E-07
At1g07640	At1g15350	2.70E-07
At2g46830	At4g30170	1.25E-06
At1g18570	At5g42900	2.70E-08
At2g46830	At5g26150	3.99E-07
At2g46830	At1g53320	2.78E-08
At1g49720	At1g68620	1.28E-07
At5g15800	At5g44680	1.16E-08
At4g18960	At2g34710	3.37E-06
At1g07640	At2g34440	1.33E-06
At5g15310	At5g48250	2.70E-08
At3g19290	At1g14370	8.83E-06
At2g46830	At5g49420	3.36E-06
At2g03710	At3g25610	2.11E-07
At4g18960	At2g28950	1.04E-06
At2g46830	At4g27170	2.76E-08
At2g46830	At1g68190	8.36E-07
At4g18960	At1g13260	8.79E-07
At3g58780	At1g63910	1.90E-08
At2g46830	At2g21045	6.06E-07
At2g46830	At2g01540	3.95E-07
At3g50410	At4g11170	3.03E-08
At3g20770	At2g36100	3.32E-06
At4g38620	At1g23710	9.58E-06
At2g46830	At4g34230	1.14E-07
At5g35550	At2g36900	6.86E-06
At3g09230	At3g22220	6.83E-06
At3g55370	At1g24260	1.82E-07
At2g46830	At1g23600	4.86E-06
At1g69120	At4g20110	3.46E-06
At4g18960	At3g11090	1.05E-08
At4g18960	At3g14310	3.38E-06
At2g46830	At3g17000	5.41E-07
At2g46830	At3g04550	1.57E-07
At2g46830	At2g26150	2.88E-06
At1g75390	At3g23920	6.80E-06
At2g46830	At3g55770	4.79E-06
At3g50410	At4g30590	2.91E-07
At5g35550	At4g32940	5.82E-06
At3g20770	At2g04800	3.32E-06
At2g46830	At5g33370	1.97E-06
At3g55370	At2g28400	8.13E-06
At4g18960	At5g18780	3.68E-06
At2g46830	At3g08680	2.34E-06
At4g13480	At5g61380	2.70E-08
At4g18960	At3g55110	8.78E-06
At5g35550	At2g28440	8.11E-06
At4g18960	At5g04340	1.37E-06
At5g35550	At1g69120	7.48E-06
At2g46830	At5g65080	2.99E-07
At1g32640	At1g23710	2.46E-07
At4g18960	At1g22630	1.63E-06
At3g20770	At3g02380	5.14E-07
At4g18960	At5g26260	6.67E-06
At2g36010	At1g20150	6.93E-06
At2g46830	At5g22290	1.38E-06
At3g23240	At5g35200	8.72E-07
At4g18960	At2g28310	3.37E-06
At2g03710	At3g58120	1.16E-08
At5g60850	At2g35980	3.03E-08
At3g45260	At1g03890	6.07E-09
At4g18960	At1g77730	1.72E-06
At3g09230	At2g38800	8.89E-06
At2g46830	At4g30390	2.63E-07
At1g69120	At3g15450	5.51E-06
At1g59750	At3g60920	1.38E-06
At4g18960	At5g03740	3.53E-06
At4g25470	At2g23580	6.74E-08
At5g13790	At5g60960	8.51E-08
At2g46830	At3g01020	5.64E-06
At4g18960	At1g77270	8.67E-08
At4g18960	At2g23660	6.59E-06
At4g18960	At3g61550	3.44E-06
At4g18960	At5g43700	6.27E-06
At5g35550	At3g05020	1.61E-07
At2g46830	At5g65310	1.10E-07
At4g18960	At4g29080	3.37E-06
At2g16720	At4g33980	2.70E-08
At4g01120	At1g27100	3.72E-08
At4g18960	At1g18370	1.92E-06
At2g46830	At4g31700	7.00E-06
At3g58780	At2g29540	8.51E-08
At4g18960	At4g17330	3.23E-08
At2g46830	At2g34620	2.05E-09
At2g46830	At4g29080	6.91E-06
At2g46830	At3g51590	2.39E-08
At4g18960	At5g27200	1.09E-09
At4g18960	At1g74950	3.42E-06
At5g35550	At5g35390	8.97E-06
At3g58780	At5g35430	2.09E-06
At4g18960	At2g37660	4.65E-06
At4g18960	At2g40930	3.23E-08
At1g69120	At3g52400	2.34E-08
At1g45249	At5g01530	5.52E-07
At4g18960	At2g44190	8.89E-07
At1g45249	At2g46790	1.19E-09
At3g30260	At3g07090	6.27E-09
At2g46830	At3g16460	4.04E-07
At3g50410	At5g05340	3.03E-08
At2g47190	At4g01330	3.02E-06
At4g01120	At3g22370	8.05E-09
At5g13790	At1g80160	2.15E-08
At3g19290	At2g46790	6.83E-08
At4g38620	At1g67290	7.91E-07
At4g29940	At4g32830	6.43E-06
At2g46830	At1g67980	7.49E-07
At1g49720	At1g79040	5.52E-07
At5g65210	At3g06380	1.66E-08
At5g35550	At5g04200	7.00E-06
At5g60850	At4g17500	7.91E-06
At1g49720	At1g04620	5.34E-08
At4g18960	At1g75240	1.44E-06
At3g19290	At3g16720	8.83E-06
At2g36011	At2g44190	4.35E-06
At2g46830	At1g11430	3.06E-06
At4g18960	At1g13160	1.11E-06
At2g46830	At1g48630	7.00E-06
At2g46830	At4g27280	1.57E-07
At2g46830	At3g52460	2.36E-06
At2g46830	At1g73590	8.98E-06
At3g50700	At3g01570	6.07E-09
At2g36010	At1g23540	3.29E-06
At2g22430	At5g21170	9.99E-06
At1g24260	At3g17010	2.00E-09
At1g26310	At1g10680	1.61E-08
At2g46830	At5g55090	5.60E-07
At4g18960	At1g27460	7.69E-07
At4g18960	At2g20530	1.54E-06
At4g18960	At5g07220	1.49E-08
At5g10030	At3g05020	8.30E-07
At2g46830	At5g12840	7.70E-06
At3g50410	At3g44260	3.14E-06
At3g62420	At4g19860	2.59E-08
At2g46830	At5g06360	4.62E-06
At1g45249	At3g14990	1.82E-06
At3g50410	At3g55980	3.14E-06
At2g47190	At1g25510	1.61E-07
At5g65210	At3g04960	1.87E-06
At2g46270	At1g07010	8.66E-08
At2g03710	At2g40140	8.13E-06
At1g35515	At1g28050	2.70E-08
At2g46830	At2g36890	7.88E-07
At2g46830	At2g30290	7.41E-06
At5g65210	At5g05220	5.01E-06
At4g18960	At3g20220	5.78E-08
At5g35550	At1g49720	5.92E-06
At2g46830	At4g13830	4.56E-07
At3g55370	At5g38120	3.93E-06
At4g25470	At5g57520	7.46E-07
At5g65210	At5g15800	1.87E-06
At1g49720	At2g41730	5.68E-09
At4g18960	At2g47590	6.87E-07
At3g23240	At2g25540	3.82E-09

Transcription factor	Target Gene	*P*-Value
At4g18960	At2g02540	9.04E-06
At4g18960	At2g22880	6.48E-06
At5g61850	At1g60200	5.33E-06
At2g46830	At1g30880	1.54E-07
At4g18960	At3g22780	4.11E-07
At3g62420	At3g50070	3.95E-06
At4g18960	At3g58680	4.44E-06
At1g59750	At3g24740	2.55E-07
At4g18960	At3g18570	6.69E-06
At3g50410	At5g23970	3.93E-06
At5g13790	At1g27360	8.78E-06
At1g49720	At5g24930	5.52E-07
At1g49720	At3g59700	1.82E-06
At2g46830	At3g57620	2.30E-06
At2g46830	At1g80840	1.21E-06
At1g32640	At1g59910	2.99E-07
At2g46830	At2g38410	3.64E-06
At5g10030	At2g45870	8.30E-07
At2g46830	At1g18530	3.36E-06
At3g62420	At2g41610	3.06E-06
At2g46830	At5g63600	7.38E-08
At1g26310	At3g12580	6.27E-09
At3g11440	At5g61380	2.70E-08
At2g46830	At2g29540	2.78E-07
At2g18160	At4g28500	3.06E-06
At1g49720	At4g34410	2.87E-06
At1g69120	At2g42830	2.72E-07
At2g47190	At2g39000	6.86E-06
At4g18960	At5g17380	2.15E-08
At3g28910	At2g40080	2.70E-08
At4g18960	At1g17080	4.90E-07
At4g18960	At4g30590	5.26E-08
At2g03710	At1g33240	1.16E-08
At1g45249	At5g06760	5.02E-09
At4g18960	At3g15580	4.90E-07
At2g45650	At1g11040	1.61E-08
At4g18960	At4g18880	2.35E-07
At2g46830	At1g59640	2.67E-07
At2g46830	At5g51750	2.34E-06
At5g35550	At2g40370	1.77E-06
At2g46830	At3g18130	7.00E-06
At2g03710	At2g47190	7.17E-06
At5g02030	At5g42420	1.39E-06
At1g59750	At4g07890	1.38E-06
At2g36010	At4g32830	4.35E-06
At1g22640	At1g22810	2.98E-06
At3g55370	At5g10090	1.33E-06
At4g18960	At3g03310	9.14E-07
At2g46830	At3g18740	5.05E-06
At2g46830	At2g34315	3.84E-07
At5g35550	At1g63720	3.01E-08
At2g46830	At5g40690	6.57E-08
At2g46830	At3g28980	4.72E-08
At2g46830	At2g33340	2.01E-08
At2g46830	At1g17840	7.60E-07
At4g18960	At3g28490	1.72E-06
At1g07640	At1g34670	9.20E-06
At2g46830	At3g10580	4.79E-07
At4g18960	At1g69070	4.68E-06
At3g01140	At5g61380	2.70E-08
At4g18960	At1g63060	1.07E-06
At4g18960	At1g56220	6.22E-07
At1g59750	At3g22650	3.47E-06
At2g46830	At3g12400	9.00E-06
At2g46830	At5g56780	7.32E-08
At4g18960	At4g18480	3.07E-09
At4g18960	At3g28850	8.66E-09
At3g28910	At5g48250	2.70E-08
At4g18960	At2g31880	4.88E-06
At2g35530	At1g32900	8.66E-08
At4g18960	At2g43920	2.12E-06
At4g01120	At2g41250	1.39E-08
At4g29940	At2g45490	6.43E-06
At2g46830	At4g16640	2.29E-06
At1g69120	At1g69120	2.00E-09
At3g58780	At2g36770	2.15E-08
At5g60850	At3g55980	3.14E-06
At2g46830	At5g55340	3.47E-06
At3g19290	At3g11050	8.05E-08
At4g18960	At3g27300	8.76E-06
At2g46830	At3g61910	8.21E-07
At1g59750	At1g07180	5.73E-08
At4g18960	At1g64890	1.75E-06
At4g18960	At5g56510	5.82E-07
At4g25470	At2g15325	6.74E-08
At2g46830	At3g11410	6.26E-07
At2g03710	At3g54150	2.11E-07
At1g75390	At2g20515	3.95E-06
At2g46830	At5g63710	4.72E-09
At4g18960	At2g22840	7.47E-06
At1g07640	At4g20160	1.33E-06
At5g06960	At2g33860	6.31E-06
At1g45249	At1g74590	1.28E-07
At3g50410	At1g20510	7.91E-06
At4g18960	At1g56010	1.17E-07
At2g46830	At3g15050	3.24E-07
At2g46830	At2g15480	8.63E-06
At2g46830	At1g77640	4.60E-06
At2g46830	At1g13330	1.96E-07
At1g07640	At4g14695	1.82E-07
At3g50410	At3g28715	2.70E-07
At2g03710	At3g53300	9.88E-07
At1g07640	At3g15500	4.13E-06
At2g46830	At4g21630	3.36E-06
At4g18960	At4g27410	5.00E-08
At4g38620	At1g18620	9.13E-07
Transcription factor	Target Gene	*P*-Value
At2g46830	At2g14290	5.60E-07
At3g19290	At1g07350	3.08E-07
At2g46830	At1g09540	1.01E-06
At3g55370	At1g71691	2.91E-07
At4g18960	At1g23120	4.02E-06
At2g14210	At1g66150	1.16E-08
At4g38620	At1g07520	9.58E-06
At5g65210	At1g15740	1.66E-08
At2g46830	At5g24590	3.10E-06
At1g45249	At2g04050	5.68E-09
At1g26310	At4g36540	1.16E-08
At2g46830	At5g61000	1.44E-07
At2g22430	At5g42250	6.41E-08
At1g45249	At2g29470	1.28E-07
At3g50410	At2g28400	8.13E-06
At4g18960	At5g43810	2.11E-09
At2g46830	At1g02190	7.80E-07
At1g13260	At3g02380	9.83E-06
At3g50410	At2g01590	3.35E-07
At4g02670	At1g28360	6.07E-09
At2g46830	At1g54360	2.01E-08
At2g46830	At1g24260	2.98E-09
At1g69120	At1g14200	6.27E-09
At5g02030	At5g65790	1.82E-06
At2g47190	At3g54340	2.91E-06
At2g46830	At4g20110	3.38E-07
At3g02310	At4g36540	1.16E-08
At5g12870	At3g46640	2.70E-08
At4g18960	At5g47230	8.13E-06
At3g09230	At3g06170	8.89E-06
At2g46830	At4g19840	2.48E-06
At4g18960	At3g01970	1.89E-08
At5g02030	At3g11100	6.66E-07
At2g46830	At5g66780	1.50E-06
At1g07640	At5g51190	3.14E-06
At5g35550	At3g56400	5.86E-08
At1g69120	At5g17820	1.69E-06
At4g18960	At1g59910	6.48E-06
At2g46830	At3g30390	4.11E-08
At1g26310	At2g20560	6.27E-09
At4g18960	At1g74310	1.21E-06
At4g18960	At2g21170	3.07E-09
At4g18960	At5g65410	4.01E-06
At4g18960	At1g62070	1.09E-09
At4g18960	At5g44680	6.27E-06
At5g35550	At2g24460	8.11E-06
At3g61250	At5g39410	2.70E-08
At4g18960	At1g22810	2.13E-06
At5g66730	At3g01570	6.07E-09
At1g59750	At5g55020	1.38E-06
At2g46830	At1g17080	1.52E-07
At1g32640	At5g13220	3.57E-07
At1g13260	At1g01060	9.83E-06

Transcription factor	Target Gene	*P*-Value
At2g46830	At5g48100	4.04E-06
At1g49720	At2g01540	2.38E-06
At4g18960	At2g37130	1.17E-07
At4g18960	At4g27130	4.44E-06
At1g49720	At3g14440	5.12E-09
At2g22430	At3g15450	9.99E-06
At3g55370	At2g04790	3.35E-07
At2g46830	At1g32350	7.49E-07
At4g18960	At1g26480	4.01E-09
At4g25490	At5g66730	5.66E-06
At2g46830	At2g01950	6.91E-06
At2g03710	At1g26310	2.00E-09
At2g47190	At2g27100	2.30E-07
At2g46830	At4g34410	3.39E-08
At2g46830	At1g01820	7.42E-07
At1g49720	At3g14990	1.82E-06
At4g18960	At4g12890	5.82E-07
At2g03710	At1g14980	3.53E-06
At4g34590	At2g20515	3.95E-06
At2g03710	At3g04290	1.09E-07
At2g46830	At1g72250	5.65E-07
At4g18960	At3g14050	1.37E-06
At5g35550	At1g72090	7.67E-07
At2g46830	At5g07260	2.76E-08
At3g50410	At1g74310	8.90E-08
At2g46830	At5g05670	8.78E-07
At2g22430	At2g21170	2.05E-06
At2g46830	At4g14780	5.80E-06
At2g46830	At3g15210	1.21E-06
At5g15800	At5g15800	3.42E-08
At4g18960	At3g29060	3.75E-07
At2g46830	At4g11650	5.70E-07
At2g02080	At3g01570	6.07E-09
At5g60850	At3g03470	4.55E-08
At2g46830	At3g49530	3.10E-06
At2g46830	At1g74490	6.00E-09
At5g13790	At1g48920	8.51E-08
At2g46830	At2g33860	2.78E-07
At2g36011	At5g24940	3.29E-06
At4g18960	At1g25400	8.79E-07
At5g60850	At5g35320	8.90E-08
At3g50410	At2g20740	2.70E-07
At2g36011	At2g45490	4.35E-06
At4g18960	At1g70510	2.63E-09
At2g46830	At2g45570	3.75E-06
At2g46830	At3g10590	2.49E-06
At2g46830	At2g26900	7.20E-06
At4g18960	At1g23440	9.32E-06
At4g18960	At3g16450	6.67E-06
At2g46830	At5g13330	1.95E-07
At2g46830	At1g17380	4.69E-06
At2g46830	At1g75100	3.63E-06
At2g46830	At2g45190	2.96E-07
At4g01120	At3g09600	1.39E-08
At5g35550	At5g57050	2.34E-06
At2g46830	At1g29280	1.25E-06
At2g46830	At5g45960	4.86E-06
At4g18960	At1g11850	3.44E-06
At5g55020	At5g42900	2.70E-08
At2g46830	At5g26850	4.00E-08
At4g05100	At4g16146	2.70E-08
At4g18960	At2g15650	6.30E-06
At2g36010	At1g01280	6.93E-06
At2g46830	At2g18740	5.05E-06
At5g06960	At4g32150	3.90E-06
At2g46830	At5g35430	3.58E-07
At3g55370	At3g08720	8.13E-06
At1g45249	At5g35200	2.38E-06
At5g60850	At3g19580	8.13E-06
At2g46830	At2g36100	6.06E-07
At1g45249	At3g50060	4.54E-07
At1g45249	At5g67030	1.19E-09
At5g54230	At3g46640	2.70E-08
At4g18960	At1g78510	1.30E-06
At2g46830	At1g19780	3.81E-07
At2g46830	At5g24490	6.41E-08
At3g09230	At3g07310	5.79E-07
At2g22430	At1g70290	3.52E-06
At4g18960	At5g35090	4.01E-09
At1g59750	At3g54340	8.91E-06
At1g68840	At2g26730	1.34E-06
At4g38620	At2g01580	6.84E-06
At4g18960	At1g79910	7.18E-06
At5g35550	At1g51490	8.97E-06
At2g46830	At4g02640	1.52E-07
At1g68130	At2g41070	6.07E-09
At4g09460	At2g40080	2.70E-08
At4g18960	At3g55200	1.13E-08
At2g46830	At1g77730	3.36E-06
At2g46830	At1g21450	1.66E-06
At1g59750	At2g15650	3.47E-06
At5g35550	At1g69260	2.34E-06
At2g46830	At2g45800	1.76E-06
At2g45650	At1g33240	1.16E-08
At5g65210	At5g35320	2.53E-06
At2g46830	At1g11050	2.34E-09
At2g46830	At3g59420	2.21E-06
At2g46830	At3g28790	4.72E-08
At3g45260	At5g07190	6.07E-09
At3g55370	At3g17840	9.36E-06
At2g46830	At2g45470	9.25E-07
At2g46830	At3g10500	8.63E-06
At2g46830	At3g60920	4.94E-06
At2g47190	At3g61190	3.40E-06
At1g13260	At2g41250	9.83E-06
At2g14210	At3g07090	6.27E-09
At5g35550	At2g39000	6.86E-06
At2g46830	At2g30980	7.80E-08
At3g62420	At3g50220	3.06E-06
At2g46830	At1g48410	1.42E-06
At5g06960	At5g60210	6.31E-06
At2g46830	At3g12490	5.32E-07
At4g18960	At3g10800	8.42E-06
At2g46830	At3g51950	3.83E-06
At4g18960	At3g10930	8.13E-06
At2g03710	At3g07310	9.15E-06
At4g18960	At1g05100	2.21E-06
At4g18960	At5g47635	3.31E-06
At3g61250	At4g33980	2.70E-08
At1g32640	At2g46360	1.35E-07
At1g07640	At5g11210	3.03E-08
At1g75390	At3g18660	3.06E-06
At4g18960	At2g26430	2.61E-06
At2g46830	At5g22470	6.27E-06
At2g46830	At2g25930	7.42E-07
At5g35550	At2g40990	8.97E-06
At2g46830	At5g04540	6.42E-08
At2g46830	At1g23390	1.47E-07
At4g18960	At1g61680	5.00E-06
At5g35550	At3g04070	8.10E-06
At5g35550	At5g47635	1.77E-06
At2g22430	At1g05190	2.05E-06
At4g18960	At1g56210	5.92E-06
At4g18960	At1g30880	5.26E-07
At2g47190	At1g11190	7.00E-06
At2g46830	At5g59090	6.06E-07
At2g46830	At3g17880	2.01E-08
At4g18960	At3g11590	5.14E-07
At4g18960	At4g16520	3.84E-06
At4g18960	At1g32800	2.09E-06
At2g46830	At5g57610	7.70E-06
At2g47190	At4g18425	7.00E-06
At2g46830	At3g05560	7.00E-06
At1g07640	At3g16720	3.14E-06
At3g23240	At2g26150	9.54E-06
At5g02030	At4g19140	1.81E-06
At2g46830	At1g04020	1.44E-07
At2g35530	At4g10020	2.56E-09
At4g18960	At3g09830	4.97E-08
At5g06100	At4g16146	2.70E-08
At1g32640	At1g27100	2.46E-07
At3g61120	At1g33240	1.16E-08
At5g65210	At2g20560	2.53E-06
At2g46830	At3g07770	8.78E-07
At4g18960	At4g08180	4.10E-07
At3g58780	At4g25860	8.78E-06
At4g18960	At3g01020	4.01E-09
At4g21440	At5g61380	2.70E-08
At2g46830	At5g15850	6.29E-07

Transcription factor	Target Gene	*P*-Value
At2g46830	At3g62420	8.42E-06
At1g13260	At2g46830	9.83E-06
At4g18960	At3g09100	7.31E-06
At3g58780	At5g13330	2.15E-08
At2g46830	At5g07590	9.25E-07
At5g35550	At2g46680	5.05E-06
At3g23240	At5g38180	3.82E-09
At1g35515	At5g39410	2.70E-08
At5g35550	At4g00238	3.55E-06
At5g60850	At1g28380	1.10E-06
At1g26310	At3g24500	6.27E-09
At3g50410	At5g10090	1.33E-06
At3g24310	At5g61380	2.70E-08
At2g16720	At5g48250	2.70E-08
At2g46830	At5g40360	8.64E-06
At1g69120	At3g49900	4.51E-07
At1g45249	At5g13080	1.82E-06
At5g60850	At2g04790	3.35E-07
At2g26960	At5g61380	2.70E-08
At4g18960	At3g20370	6.67E-06
At2g36010	At3g13220	6.93E-06
At1g69120	At2g36100	1.69E-06
At3g50410	At1g34670	9.20E-06
At3g50410	At4g17840	4.55E-08
At4g18960	At1g69450	1.17E-07
At1g59750	At1g23390	1.06E-06
At2g46830	At5g35090	1.49E-07
At2g46830	At3g47500	2.37E-06
At2g46830	At1g09940	1.38E-06
At1g07640	At3g04960	1.82E-07
At1g07640	At1g27300	4.13E-06
At1g07640	At1g44000	3.35E-07
At2g46830	At1g07520	2.34E-09
At2g47190	At5g40350	1.35E-06
At2g46830	At3g11050	1.99E-06
At3g19290	At1g55530	3.08E-07
At4g01120	At3g02380	8.66E-08
At5g35550	At5g20690	8.97E-06
At1g24260	At5g44680	1.16E-08
At4g18960	At5g22060	8.42E-06
At2g46830	At3g54320	7.50E-09
At2g46830	At2g23810	4.36E-09
At5g65210	At3g11510	1.68E-07
At4g18960	At5g59220	1.20E-06
At2g46270	At1g32870	8.05E-09
At3g50410	At3g08720	8.13E-06
At3g58780	At3g04960	8.78E-06
At2g03710	At1g01480	2.36E-06
At2g46830	At5g62020	5.22E-06
At1g68130	At1g03890	6.07E-09
At5g35550	At5g64380	2.81E-08
At2g46830	At1g33680	8.90E-09
At2g46830	At3g01060	7.87E-06
At3g61120	At4g34400	2.00E-09
At4g18960	At1g43800	1.46E-06
At5g13790	At1g55570	1.55E-07
At2g22430	At5g17820	6.65E-07
At2g46830	At3g15580	1.52E-07
At5g35550	At2g16210	4.38E-06
At1g59750	At3g17160	9.43E-06
At2g46830	At4g03280	5.79E-08
At2g46830	At3g53740	5.05E-06
At2g46830	At2g18510	1.86E-07
At4g18960	At4g17100	3.53E-06
At3g55370	At3g21870	3.35E-07
At4g18960	At1g14150	1.63E-06
At2g46830	At1g65960	2.26E-07
At5g02030	At4g20110	6.29E-09
At2g46830	At2g29460	6.96E-07
At1g69120	At5g02860	3.83E-06
At4g18960	At5g61605	4.87E-07
At4g18960	At3g55180	4.45E-06
At4g18960	At5g04190	3.57E-07
At2g46830	At5g48140	1.95E-07
At4g25490	At5g54070	5.66E-06
At2g46830	At1g32700	3.98E-07
At1g69120	At2g34440	1.61E-08
At2g46830	At5g60990	9.16E-06
At4g18960	At3g53460	1.34E-08
At5g10280	At5g48250	2.70E-08
At1g07640	At5g15800	1.82E-07
At4g18960	At4g29510	8.51E-08
At2g46830	At4g27652	6.19E-07
At2g47190	At1g62830	7.67E-07
At3g61120	At4g36540	1.16E-08
At2g46830	At5g27420	2.01E-06
At4g18960	At1g20510	4.97E-08
At4g18960	At3g24620	8.60E-07
At5g13790	At3g23130	6.87E-08
At1g32640	At3g62550	1.05E-06
At5g13790	At5g47220	4.45E-06
At2g46830	At3g43120	1.70E-07
At2g46830	At2g19320	4.98E-06
At4g18960	At1g44000	6.80E-06
At4g18960	At5g17420	2.36E-06
At3g62420	At3g23920	6.80E-06
At5g35550	At1g11210	5.92E-06
At2g46830	At4g09800	1.06E-06
At5g06960	At2g20740	3.90E-06
At5g60850	At5g64380	3.35E-07
At2g46830	At5g01020	6.25E-07
At2g46830	At2g22180	2.04E-06
At2g46830	At5g14870	5.64E-06
At1g45249	At3g05200	4.54E-07
At4g18960	At5g16400	1.68E-06
At5g06960	At1g21880	6.56E-06
At1g03840	At2g41070	6.07E-09
At5g35550	At1g44770	6.86E-06
At4g18960	At5g55340	8.72E-07
At2g46830	At5g16500	2.04E-06
At1g45249	At1g03740	2.38E-06
At2g22430	At1g32350	2.50E-06
At5g02030	At4g37750	7.28E-06
At3g30260	At3g58120	1.16E-08
At5g10030	At1g63470	6.31E-06
At2g03710	At3g61820	3.38E-06
At3g58780	At4g16180	2.09E-06
At4g18960	At3g61830	1.44E-06
At4g18960	At2g37080	5.73E-06
At4g18960	At4g13840	6.52E-06
At5g35550	At3g57540	5.05E-06
At2g46830	At4g04640	2.56E-06
At2g46830	At3g12610	1.89E-06
At5g15800	At2g41380	1.89E-08
At4g18960	At1g10680	2.10E-07
At5g13790	At1g80840	4.45E-06
At1g22640	At5g65210	5.82E-06
At3g19290	At2g38905	8.05E-08
At2g22430	At1g23420	1.47E-06
At3g19290	At5g02810	4.23E-07
At2g46830	At3g58680	7.42E-07
At4g18960	At5g48810	3.32E-06
At2g03710	At3g22160	2.11E-07
At5g13790	At3g03430	1.55E-07
At2g46830	At5g18690	3.83E-06
At3g62420	At5g59780	6.18E-08
At4g34590	At3g19580	6.80E-06
At2g46830	At1g19940	8.21E-07
At2g46830	At5g46350	1.67E-06
At2g46830	At5g17860	1.46E-06
At4g18960	At3g52620	1.87E-06
At4g18960	At3g54500	7.43E-07
At4g18960	At2g44910	8.72E-07
At2g46830	At3g20260	9.40E-08
At2g46830	At1g32870	5.45E-09
At5g15800	At1g10680	1.61E-08
At4g18960	At3g48050	2.77E-06
At3g23240	At2g23580	3.82E-09
At1g26310	At1g14200	6.27E-09
At3g50410	At3g15500	4.13E-06
At4g26930	At5g42900	2.70E-08
At5g35550	At1g62830	7.67E-07
At4g18960	At1g65090	1.89E-07
At3g58780	At4g17490	4.45E-06
At2g46830	At5g48810	4.79E-06
At5g65210	At2g02710	4.52E-06
At1g59750	At1g33800	9.99E-07
At3g50410	At4g00870	4.26E-08
At4g18960	At1g04880	4.01E-09

Transcription factor	Target Gene	*P*-Value
At4g18960	At2g19320	2.31E-06
At2g46830	At1g34190	1.05E-06
At4g18960	At5g59820	5.19E-06
At5g13790	At2g29460	2.15E-08
At1g59750	At2g16910	4.83E-06
At2g46830	At3g17680	7.76E-07
At5g10030	At1g76110	5.78E-06
At1g22640	At1g09940	2.98E-06
At5g10030	At1g62990	1.12E-07
At1g49720	At4g03320	5.68E-09
At4g18960	At4g37510	1.27E-07
At1g45249	At3g16140	5.52E-07
At2g46830	At2g28070	1.97E-06
At3g61120	At1g18620	1.16E-08
At5g35550	At1g69180	4.38E-06
At5g15800	At1g69180	2.00E-09
At2g14210	At2g26150	6.27E-09
At3g50410	At2g42990	3.93E-06
At5g35550	At3g58770	4.38E-06
At3g19290	At3g11840	8.83E-06
At2g03710	At2g45570	2.36E-06
At4g18960	At2g01590	6.80E-06
At1g49720	At3g48850	1.28E-07
At2g46830	At1g24540	2.59E-06
At1g24260	At1g10680	1.61E-08
At4g18960	At3g02990	3.54E-07
At4g18960	At2g24790	3.07E-09
At2g46830	At5g60690	8.98E-06
At2g46830	At5g22220	1.99E-06
At4g01120	At2g15020	8.66E-08
At4g18960	At5g32450	3.07E-09
At2g46830	At2g32300	6.06E-07
At4g18960	At3g50670	1.82E-06
At4g18960	At2g35500	6.87E-07
At2g46830	At3g03920	2.58E-06
At4g18960	At5g10695	5.19E-06
At1g75390	At2g41610	3.06E-06
At2g36010	At4g11280	6.57E-08
At3g02310	At5g26150	1.61E-08
At2g46830	At3g01740	2.45E-07
At3g55370	At2g26150	8.90E-08
At4g18960	At1g17420	3.42E-06
At2g46830	At1g56060	6.13E-06
At1g69120	At3g46040	2.66E-06
At2g32460	At1g28050	2.70E-08
At2g47190	At2g29290	2.81E-08
At2g46830	At3g59845	9.93E-07
At2g46830	At1g72300	2.48E-06
At3g27810	At5g61380	2.70E-08
At4g18960	At4g05410	1.11E-06
At5g60910	At1g14200	6.27E-09
At3g20770	At1g73870	5.14E-07
At2g46830	At1g55360	6.25E-07
At4g18960	At1g09770	1.82E-06
At4g18960	At5g50360	3.54E-07
At5g60850	At1g71691	2.91E-07
At1g07640	At1g16705	1.82E-07
At3g20770	At2g32300	3.32E-06
At4g18960	At1g74880	2.85E-07
At5g35550	At1g13450	6.86E-06
At4g18960	At5g32440	8.17E-07
At5g13790	At5g13330	2.15E-08
At2g14210	At1g69120	2.00E-09
At4g18960	At5g01690	3.75E-07
At2g46830	At4g07890	4.94E-06
At2g46830	At3g02550	1.57E-06
At3g19290	At5g64170	4.23E-07
At3g30260	At5g60010	1.61E-08
At4g18960	At2g26530	1.14E-06
At4g18960	At5g58680	3.14E-06
At2g46830	At4g29410	9.03E-07
At2g18160	At1g32770	3.06E-06
At4g01120	At2g46830	1.39E-08
At1g45249	At3g48850	1.28E-07
At2g47190	At5g64200	2.30E-07
At5g55020	At4g16146	2.70E-08
At2g47190	At5g20250	3.02E-06
At1g69120	At3g18740	2.66E-06
At1g49720	At5g63790	4.60E-07
At3g61250	At2g40080	2.70E-08
At2g46830	At1g75500	6.91E-06
At4g18960	At1g66080	5.34E-06
At2g46830	At3g53310	7.27E-06
At1g45249	At1g27100	4.54E-07
At2g35530	At3g50060	3.72E-08
At4g18960	At4g38230	5.86E-06
At2g46830	At2g46210	5.80E-06
At2g46830	At2g04690	9.69E-06
At4g18960	At3g19650	3.23E-08
At4g18960	At2g19040	2.10E-07
At2g22430	At5g35320	5.34E-06
At2g46830	At1g60060	5.31E-06
At3g11440	At5g39410	2.70E-08
At3g50410	At1g80160	4.13E-06
At1g59750	At3g55980	1.04E-06
At4g18960	At4g28680	6.88E-08
At4g18960	At1g63470	3.69E-07
At3g55370	At4g30590	2.91E-07
At2g47190	At5g35910	2.30E-07
At1g32640	At5g49520	2.99E-07
At5g65210	At1g08360	1.68E-07
At4g18960	At3g13960	9.04E-06
At4g18960	At4g16160	6.69E-06
At2g46830	At3g19030	1.67E-06
At2g46830	At5g04040	7.88E-06
At4g18960	At5g59550	1.45E-07
At2g45650	At5g61850	2.00E-09
At5g35550	At5g51950	4.72E-06
At2g36010	At2g20740	1.06E-09
At2g46830	At1g12930	1.97E-06
At2g46830	At5g14170	2.45E-07
At3g55370	At1g27360	4.26E-08
At4g18960	At3g23760	7.43E-06
At2g46830	At3g04640	6.62E-07
At1g07640	At5g38030	9.20E-06
At3g30260	At1g14200	6.27E-09
At2g46830	At3g22260	1.94E-06
At2g46830	At1g27950	7.60E-07
At5g60850	At3g04070	4.13E-06
At2g46830	At2g45170	1.06E-06
At1g22640	At5g01380	2.98E-06
At4g18960	At2g03550	1.05E-08
At4g18960	At3g57540	8.41E-07
At2g46830	At3g55420	6.91E-06
At4g18960	At4g27652	1.39E-06
At5g10030	At2g40420	3.90E-06
At4g26930	At5g61380	2.70E-08
At5g02030	At5g03870	7.28E-06
At2g46830	At3g04770	2.76E-06
At1g59750	At5g48480	6.47E-06
At5g12870	At2g40080	2.70E-08
At1g59750	At5g40020	9.99E-07
At2g03710	At5g54490	8.13E-06
At4g38620	At5g59730	1.11E-06
At4g18960	At1g06750	6.59E-06
At5g06960	At1g22170	8.30E-07
At4g18960	At1g54820	3.44E-06
At1g59750	At4g09800	2.67E-07
At4g18960	At1g07330	3.75E-07
At4g18960	At3g10040	4.06E-07
At2g46830	At4g31120	7.55E-07
At2g46830	At5g57720	1.64E-06
At2g46830	At5g39220	1.48E-07
At2g46830	At4g22100	4.70E-06
At2g46830	At4g37370	1.33E-07
At5g02030	At5g01020	4.25E-06
At2g46830	At4g16146	1.41E-06
At4g38620	At1g11050	9.58E-06
At5g44160	At3g01570	6.07E-09
At1g59750	At4g03620	3.47E-06
At4g18960	At5g13990	5.86E-06
At4g18960	At2g30250	2.35E-07
At4g34590	At3g15050	3.06E-06
At2g46830	At5g49180	1.48E-06
At4g18960	At4g19860	1.99E-07
At2g03710	At5g61850	2.00E-09
At5g15800	At5g65020	2.12E-06
At3g09230	At2g03200	2.70E-06
At2g46830	At1g62300	8.63E-06

Transcription factor	Target Gene	*P*-Value
At2g36010	At2g40420	6.49E-07
At3g09230	At3g21710	2.70E-06
At2g46830	At4g33980	4.12E-06
At2g46830	At2g44860	4.53E-06
At4g18960	At1g48000	2.36E-06
At2g46830	At3g14990	8.63E-06
At1g55110	At5g09640	6.07E-09
At2g36010	At5g60140	1.16E-06
At1g45249	At2g31380	1.09E-08
At2g46830	At5g06870	2.11E-07
At2g46830	At1g10020	2.73E-07
At2g46830	At5g13790	2.76E-08
At2g46830	At3g50500	5.29E-06
At3g58780	At1g32800	2.09E-06
At4g18960	At1g80750	4.68E-06
At3g23240	At1g12360	8.72E-07
At4g18960	At1g71030	1.68E-06
At3g09230	At2g37090	2.70E-06
At1g07640	At4g13235	9.20E-06
At1g45249	At2g46270	4.60E-07
At2g27050	At5g38120	3.06E-09
At4g18960	At3g01140	6.88E-08
At2g46830	At1g33055	1.57E-06
At2g45650	At1g69120	2.00E-09
At3g58780	At1g73500	4.45E-06
At4g18960	At2g22900	2.20E-06
At4g18960	At5g15530	8.38E-07
At2g46830	At5g21170	1.09E-06
At2g46830	At3g57540	4.08E-07
At2g46830	At1g14340	9.03E-06
At4g01120	At3g05200	3.72E-08
At2g27050	At5g45960	3.06E-09
At2g27050	At1g15360	3.06E-09
At5g02030	At2g43060	3.33E-06
At4g18960	At5g15950	8.61E-06
At1g49720	At3g48510	2.28E-07
At2g46830	At3g48050	3.64E-06
At2g46830	At1g56300	1.75E-06
At2g46830	At4g00480	9.40E-08
At1g07640	At1g27360	4.26E-08
At2g46830	At1g79450	3.43E-06
At1g45249	At3g12740	1.82E-06
At1g69120	At3g01140	4.51E-07
At4g18960	At5g55720	2.34E-06
At2g46830	At4g15250	3.03E-08
At2g36011	At1g23440	5.03E-08
At3g28910	At4g33980	2.70E-08
At1g22640	At1g19370	5.92E-06
At1g55110	At5g07190	6.07E-09
At2g03710	At4g02280	7.17E-06
At4g38620	At1g17380	1.11E-06
At2g22430	At4g15610	1.13E-06
At3g50410	At3g24740	1.27E-06
At2g46830	At1g44770	1.42E-06
At2g03710	At1g01720	2.59E-06
At4g18960	At1g68140	3.84E-06
At5g13790	At3g10570	8.78E-06
At1g69120	At5g07230	2.09E-09
At5g13790	At3g20630	2.09E-06
At5g65210	At2g40140	1.15E-09
At3g58780	At5g44620	8.78E-06
At5g13790	At5g62000	2.09E-06
At2g46830	At3g29070	4.89E-06
At1g22640	At1g27630	5.92E-06
At2g46830	At1g27470	3.84E-07
At4g18960	At1g32350	2.36E-06
At2g46830	At1g71090	8.75E-06
At1g45249	At3g55470	1.82E-06
At2g46830	At4g16160	5.57E-08
At4g18960	At3g01060	4.64E-06
At2g14210	At4g01330	1.16E-08
At3g45260	At2g41070	6.07E-09
At4g38620	At2g29290	9.13E-07
At2g46830	At3g58770	3.47E-06
At3g02310	At3g24500	6.27E-09
At3g09230	At2g34790	2.70E-06
At2g46830	At4g16520	9.69E-06
At2g46830	At3g09830	5.40E-08
At2g46830	At1g14510	2.58E-06
At4g18960	At1g64370	5.74E-06
At2g46830	At5g43020	2.34E-06
At4g18960	At1g77450	5.00E-08
At4g38620	At2g03200	6.84E-06
At2g46830	At4g18340	1.00E-09
At2g46830	At4g17840	1.49E-07
At2g14210	At3g06750	1.16E-08
At4g18960	At5g25770	1.17E-07
At2g46830	At2g24490	1.44E-07
At1g22640	At5g39220	3.06E-09
At3g61120	At2g34440	1.61E-08
At2g46830	At1g59860	6.16E-06
At4g18960	At3g09490	7.01E-07
At5g22220	At4g24380	6.57E-08
At2g46830	At3g17040	7.87E-06
At2g22430	At5g22920	9.99E-06
At3g55370	At5g38030	9.20E-06
At2g47190	At2g01210	1.61E-07
At2g46830	At1g23290	1.36E-07
At2g03710	At1g63720	2.36E-06
At2g46830	At5g52760	1.88E-06
At2g46830	At5g03780	1.96E-07
At2g46830	At2g37130	3.05E-06
At2g22430	At1g66080	5.34E-06
At4g29940	At5g62000	1.28E-09
At3g55370	At1g63470	9.36E-06
At3g50410	At5g18140	3.35E-07
At4g18960	At5g25550	5.29E-06
At1g26310	At5g26150	1.61E-08
At5g02030	At2g06925	1.39E-06
At2g46830	At3g12090	3.54E-07
At1g59750	At1g74220	1.38E-06
At3g50410	At1g16705	1.82E-07
At4g18960	At1g17665	1.12E-06
At5g06960	At2g34790	1.12E-07
At3g50700	At5g57390	6.07E-09
At5g35550	At2g29290	2.81E-08
At5g13790	At3g03380	2.09E-06
At4g18960	At5g57660	5.81E-06
At4g18960	At1g14980	3.53E-06
At4g18960	At3g06220	8.54E-06
At3g58780	At1g48920	8.51E-08
At5g60850	At3g10930	3.14E-06
At3g55370	At4g27280	3.14E-06
At4g18960	At2g29400	3.32E-06
At4g18960	At5g49570	7.01E-07
At4g18960	At1g18880	8.49E-07
At4g25470	At5g38180	6.74E-08
At4g18960	At3g11280	5.74E-06
At4g18960	At1g13710	8.72E-07
At4g18960	At3g14440	5.00E-08
At2g46830	At3g05260	2.99E-06
At5g06960	At1g44000	5.78E-06
At2g46830	At3g10640	1.14E-07
At2g46830	At1g21560	5.89E-06
At4g18960	At1g08360	9.55E-08
At5g60850	At4g17840	4.55E-08
At2g03710	At1g66500	1.39E-06
At2g46830	At5g01090	4.00E-08
At1g22640	At2g40750	5.86E-08
At1g18570	At1g17665	2.70E-08
At4g18960	At3g48250	5.35E-07
At4g18960	At1g22590	7.43E-06
At5g35550	At5g59820	3.01E-08
At2g47190	At3g62410	4.89E-09
At2g46830	At2g16790	3.06E-07
At2g47190	At1g44770	6.86E-06
At1g69120	At4g30220	2.66E-06
At3g11440	At3g46640	2.70E-08
At2g46830	At1g20080	3.72E-06
At2g03710	At1g11040	1.61E-08
At5g02030	At3g12400	1.81E-06
At5g02030	At1g22630	1.59E-06
At5g35550	At4g05590	5.82E-06
At2g03710	At2g28950	1.09E-07
At5g35550	At1g67640	8.11E-06
At5g60910	At1g08150	1.61E-08
At3g50410	At4g27280	3.14E-06
At2g03710	At3g26110	4.18E-08
At3g11440	At2g40080	2.70E-08

Transcription factor	Target Gene	*P*-Value
At2g46830	At2g40370	4.12E-06
At4g18960	At2g16210	8.67E-08
At1g69120	At5g52160	2.09E-09
At2g03710	At3g10930	8.13E-06
At2g46270	At2g21640	8.05E-09
At1g68840	At5g67030	4.50E-06
At2g46830	At1g23480	1.00E-09
At2g02070	At1g03890	6.07E-09
At4g18960	At1g49490	2.96E-07
At5g60850	At1g59910	1.10E-06
At2g46830	At2g36060	2.01E-08
At2g46830	At3g61620	7.55E-07
At2g46830	At3g23600	4.72E-09
At2g36010	At4g32040	5.03E-08
At4g18960	At3g54320	1.09E-09
At2g46830	At5g38180	2.49E-06
At3g58780	At5g61770	8.51E-08
At4g18960	At5g40770	3.53E-06
At5g15310	At1g17665	2.70E-08
At1g59750	At5g42420	5.64E-06
At2g46830	At4g29030	7.76E-07
At1g24260	At1g69180	2.00E-09
At4g18960	At2g05630	4.44E-06
At4g18960	At3g04290	1.04E-06
At4g18960	At3g25165	5.78E-08
At2g46830	At1g72680	6.96E-07
At5g13790	At1g23420	6.87E-08
At5g60850	At5g13330	4.13E-06
At2g46830	At4g28380	8.21E-07
At4g01120	At2g29650	5.83E-09
At2g46830	At2g41730	6.42E-08
At4g18960	At2g01950	3.37E-06
At3g62420	At4g05590	6.18E-08
At5g02030	At2g19520	9.11E-06
At2g46830	At1g54630	1.06E-06
At1g32640	At1g69260	2.66E-06
At2g46830	At1g07010	3.67E-06
At4g18960	At5g62000	2.09E-06
At5g35550	At2g42200	3.18E-07
At2g46830	At2g42990	4.86E-06
At1g07640	At1g18390	1.10E-06
At2g03710	At4g36540	1.16E-08
At4g18960	At3g17220	3.67E-06
At4g18960	At2g32460	1.09E-06
At4g18960	At4g37650	2.25E-06
At2g46830	At5g16450	9.03E-06
At2g14210	At1g74310	6.27E-09
At5g60910	At5g61850	2.00E-09
At4g38620	At2g46510	1.11E-06
At2g46830	At5g16340	3.98E-07
At2g47190	At4g21430	7.67E-07
At4g05100	At1g17665	2.70E-08
At2g27050	At1g63710	3.06E-09
At4g18960	At5g04140	1.63E-06
At4g13480	At4g33980	2.70E-08
At2g46830	At1g16070	5.65E-07
At2g46830	At2g27530	6.72E-06
At2g36010	At3g50930	3.41E-06
At3g55370	At5g23970	3.93E-06
At4g29940	At3g01330	6.43E-06
At5g35550	At4g01330	3.02E-06
At2g46270	At5g67030	5.83E-09
At5g26660	At5g39410	2.70E-08
At5g35550	At2g34620	2.81E-08
At2g03710	At3g59700	2.11E-07
At3g30260	At2g04220	1.61E-08
At4g25490	At1g31480	5.66E-06
At5g06960	At5g62710	6.31E-06
At2g46830	At1g09770	6.85E-06
At2g46830	At2g38250	6.13E-06
At2g46830	At2g35680	5.32E-07
At4g18960	At5g20330	6.87E-08
At4g18960	At1g70470	2.25E-06
At4g18960	At1g45976	3.84E-06
At4g18960	At4g03320	4.28E-06
At2g47190	At1g72090	7.67E-07
At5g02030	At3g10030	6.66E-07
At2g46830	At2g29650	3.21E-07
At1g07640	At1g63710	3.93E-06
At1g07640	At3g53140	4.26E-08
At1g26310	At1g26310	2.00E-09
At2g03710	At1g19000	9.15E-06
At1g22640	At2g14560	5.86E-08
At4g38620	At3g53810	9.58E-06
At5g60850	At2g31945	4.13E-06
At3g61250	At3g46640	2.70E-08
At3g50410	At5g38120	3.93E-06
At1g45249	At2g41730	5.68E-09
At4g18960	At5g13820	3.35E-07
At5g60850	At1g27730	3.14E-06
At4g18960	At2g37090	5.83E-06
At2g46830	At5g10390	1.44E-07
At1g45249	At5g42290	2.28E-07
At1g07640	At1g80840	7.91E-06
At4g18960	At5g63860	8.76E-06
At2g46830	At3g28860	4.00E-08
At4g18960	At1g05190	3.07E-09
At3g50410	At4g32150	2.70E-07
At4g18960	At1g16760	4.74E-07
At4g18960	At1g29510	6.27E-06
At2g46830	At3g02840	2.07E-07
At4g18960	At5g66390	3.04E-06
At2g46830	At4g38660	8.98E-06
At4g18960	At3g10500	5.27E-06
At2g46830	At5g44200	2.27E-07
At2g46830	At1g49480	2.27E-07
At5g10030	At1g55370	5.78E-06
At1g69120	At3g07090	6.27E-09
At2g45650	At5g61620	1.61E-08
At2g46830	At5g67340	2.97E-06
At1g32640	At1g44350	3.57E-07
At2g22430	At4g30170	6.65E-07
At2g36011	At3g55190	3.29E-06
At2g46830	At5g22000	5.33E-06
At2g46830	At4g34440	4.32E-07
At2g46830	At3g55050	1.38E-06
At3g50410	At5g44630	4.26E-08
At4g18960	At2g45570	7.17E-06
At4g18960	At1g11050	4.12E-06
At4g18960	At1g13960	2.69E-06
At2g46830	At5g49980	3.83E-06
At2g46270	At3g05200	3.72E-08
At3g62420	At1g63650	3.95E-06
At5g35550	At1g56600	2.34E-06
At1g49720	At3g12740	1.82E-06
At2g46830	At5g09780	1.64E-06
At4g18960	At2g25600	6.30E-06
At2g46830	At3g47960	2.05E-08
At2g32460	At1g17665	2.70E-08
At4g01120	At2g40000	3.72E-08
At1g32640	At3g26860	4.81E-06
At1g69120	At5g20340	1.61E-08
At5g02030	At4g17100	1.39E-06
At3g55370	At5g20690	1.33E-06
At4g18960	At5g48250	8.53E-07
At1g07640	At2g21045	9.20E-06
At4g18960	At5g10090	8.60E-07
At2g46830	At1g14200	2.88E-06
At4g18960	At3g20680	6.42E-07
At2g22430	At5g63130	8.05E-06
At4g18960	At2g17950	6.20E-06
At4g18960	At5g45960	2.34E-06
At3g58780	At1g72220	1.90E-08
At2g14210	At4g12400	6.27E-09
At4g18960	At2g47900	5.92E-06
At5g60850	At2g25735	7.91E-06
At2g46830	At1g28380	7.56E-06
At3g50410	At5g22810	2.91E-07
At4g18960	At5g61380	8.53E-07
At2g46830	At3g27810	5.03E-07
At2g46270	At5g57660	1.01E-09
At2g03710	At2g29470	2.36E-06
At4g36730	At3g02380	8.66E-08
At2g46830	At4g34520	7.95E-08
At3g55370	At4g38000	2.91E-07
At2g46830	At5g64260	8.42E-06
At2g46830	At3g11840	2.01E-06
At4g18960	At1g19940	5.47E-06
At2g46830	At5g42130	3.06E-06

Transcription factor	Target Gene	*P*-Value
At4g18960	At3g11100	2.61E-06
At4g18960	At5g67510	3.90E-06
At4g18960	At2g15890	4.10E-06
At5g02030	At1g22600	1.41E-06
At1g07640	At5g20690	1.33E-06
At3g55370	At2g40420	2.70E-07
At1g69120	At5g06360	5.41E-06
At4g18960	At2g42800	1.60E-07
At2g46830	At1g33800	6.19E-07
At5g60850	At4g15650	1.33E-06
At2g46830	At3g23920	2.54E-06
At2g46830	At2g39190	3.58E-07
At1g32640	At2g28400	2.06E-06
At2g46830	At1g07080	6.57E-07
At3g50410	At5g64380	3.35E-07
At5g35550	At5g20760	8.11E-06
At2g46830	At4g33450	4.12E-06
At4g18960	At3g49080	6.90E-07
At1g75390	At1g63470	3.95E-06
At2g46830	At2g46360	7.32E-08
At4g18960	At1g75020	1.74E-06
At4g18960	At2g42990	3.46E-06
At5g60850	At2g26330	9.36E-06
At2g46830	At4g17230	9.04E-09
At4g18960	At5g01380	2.13E-06
At5g02030	At1g04020	9.14E-07
At3g01470	At3g56600	2.51E-06
At2g46830	At4g30800	2.76E-06
At4g18960	At1g77920	9.32E-07
At5g55020	At1g17665	2.70E-08
At5g15800	At2g19040	1.61E-08
At1g22640	At4g05590	5.82E-06
At2g46830	At1g08150	1.61E-06
At4g01120	At1g23710	3.72E-08
At2g46270	At2g15020	8.66E-08
At4g18960	At2g36900	1.58E-06
At1g07640	At2g26330	9.36E-06
At4g38620	At4g24160	9.58E-06
At4g18960	At5g07420	1.87E-06
At3g30260	At1g18620	1.16E-08
At3g50410	At5g23830	9.20E-06
At5g02030	At5g60220	1.41E-06
At5g60850	At1g66080	8.90E-08
At2g46830	At1g56110	4.14E-06
At1g32640	At1g02400	2.99E-07
At3g50410	At2g46240	8.90E-08
At3g55370	At1g07080	4.55E-08
At2g03710	At5g48590	9.15E-06
At1g32640	At5g50830	4.81E-06
At4g18960	At2g46270	1.20E-06
At2g46830	At3g16857	1.42E-06
At2g36010	At2g44840	5.83E-07
At2g46830	At2g36900	1.20E-07
At5g02030	At2g02970	1.31E-06
At2g46830	At1g07350	2.88E-06
At1g45249	At1g32870	5.68E-09
At3g55370	At5g65790	9.20E-06
At5g35550	At5g20240	1.35E-06
At2g46830	At5g14940	1.49E-07
At1g49720	At1g27730	4.54E-07
At4g01120	At1g07010	8.66E-08
At2g46830	At5g23830	7.38E-08
At1g45249	At3g14440	5.12E-09
At4g18960	At1g28470	3.31E-06
At1g45249	At3g53600	1.33E-09
At2g46830	At5g60360	4.72E-09
At1g69120	At1g14370	2.34E-08
At2g46830	At5g61605	7.99E-06
At1g14580	At1g65090	6.07E-09
At2g03710	At5g51190	8.13E-06
At3g28910	At1g28050	2.70E-08
At3g02310	At5g61620	1.61E-08
At3g13810	At5g57390	6.07E-09
At2g03710	At5g12460	2.91E-06
At1g07640	At4g01250	1.10E-06
At2g46830	At4g09350	5.32E-06
At4g18960	At2g42830	5.82E-07
At5g35550	At3g62260	3.01E-08
At2g46830	At5g66730	4.98E-06
At3g50410	At4g29030	9.36E-06
At3g02310	At4g12400	6.27E-09
At5g02030	At3g20150	7.28E-06
At2g46830	At5g59450	2.34E-09
At2g18160	At1g63650	3.95E-06
At2g46830	At1g36980	4.79E-06
At3g55370	At5g63130	8.13E-06
At4g18960	At5g58930	4.68E-06
At5g35550	At4g21430	7.67E-07
At4g18960	At3g21190	2.20E-06
At1g69120	At1g23390	5.51E-06
At2g46830	At2g45740	2.13E-06
At4g18960	At5g57760	3.57E-07
At4g18960	At1g23240	4.87E-07
At4g18960	At2g28600	1.11E-06
At4g18960	At3g10340	5.83E-06
At1g69120	At2g19040	1.61E-08
At2g22430	At2g02710	3.52E-06
At5g35550	At3g06070	3.02E-06
At2g46830	At3g10340	2.34E-06
At2g46830	At2g25625	2.22E-06
At2g03710	At4g10960	7.17E-06
At2g47190	At4g12700	1.61E-07
At2g46830	At4g11280	1.05E-07
At3g20770	At5g59090	3.32E-06
At4g18960	At1g71830	8.41E-06
At2g46270	At4g38960	1.39E-08
At2g46830	At1g30520	5.18E-07
At3g50410	At4g17490	7.91E-06
At2g46830	At3g21710	2.34E-06
At2g03710	At4g18340	3.35E-07
At3g55370	At5g18140	3.35E-07
At4g18960	At1g73540	1.39E-06
At4g18960	At2g24430	9.43E-07
At2g46830	At5g42180	2.79E-06
At2g46830	At4g01050	5.79E-08
At5g65210	At4g16146	2.66E-09
At2g03710	At3g27810	9.88E-07
At2g46830	At2g27260	3.10E-06
At5g06960	At5g64380	5.78E-06
At5g60850	At5g65790	9.20E-06
At2g46830	At5g20550	7.88E-07
At3g58780	At2g47070	2.09E-06
At4g18960	At5g18140	6.80E-06
At2g35530	At1g64500	8.66E-08
At2g46830	At2g32890	6.13E-06
At1g69120	At4g12960	2.72E-07
At2g46830	At1g14940	2.99E-07
At3g30260	At2g26150	6.27E-09
At2g46830	At1g23870	7.88E-06
At1g49720	At5g01530	5.52E-07
At4g18960	At2g01250	9.55E-08
At2g46830	At5g63190	1.42E-06
At5g13790	At1g73500	4.45E-06
At2g46830	At4g33150	3.43E-06
At2g46830	At3g61820	1.10E-07
At2g46830	At3g61650	3.32E-07
At2g46830	At3g12570	5.33E-06
At4g18960	At3g48790	8.66E-09
At2g46830	At5g61590	6.41E-08
At1g32640	At3g26170	1.05E-06
At5g06960	At3g21870	5.78E-06
At4g18960	At2g45870	8.38E-07
At1g03840	At1g03890	6.07E-09
At1g49720	At3g54620	2.38E-06
At2g46830	At1g01550	9.00E-06
At5g15800	At5g60010	1.61E-08
At5g15800	At5g46180	1.89E-08
At5g65210	At1g05100	3.19E-06
At2g46830	At5g47390	1.47E-07
At2g46830	At3g53190	8.98E-06
At3g02310	At2g04220	1.61E-08
At3g62420	At1g63910	3.06E-06
At5g60850	At1g22440	9.20E-06
At5g02030	At3g07780	1.81E-06
At5g06100	At5g39410	2.70E-08
At5g10030	At2g01590	5.78E-06
At5g65210	At1g20696	8.84E-08
At3g50410	At4g38000	2.91E-07
At4g18960	At1g80160	2.15E-08

Transcription factor	Target Gene	*P*-Value
At5g61850	At3g50670	5.33E-06
At1g07640	At3g16050	8.90E-08
At2g46830	At4g30690	6.41E-08
At4g18960	At4g16180	2.09E-06
At4g18960	At1g73260	1.89E-08
At1g32640	At4g27410	2.06E-06
At2g46830	At3g12740	8.63E-06
At2g46830	At5g20960	1.07E-06
At2g46830	At2g13350	1.70E-07
At2g36010	At4g12720	3.41E-06
At2g36010	At5g18090	1.16E-06
At4g18960	At4g37750	3.69E-07
At5g60470	At1g65090	6.07E-09
At5g61850	At1g09770	5.33E-06
At2g46830	At2g46510	4.69E-06
At2g22430	At5g47110	2.05E-06
At3g58780	At5g51030	1.55E-07
At4g18960	At3g05200	4.45E-06
At2g46830	At5g18150	5.40E-07
At5g02030	At3g14090	1.81E-06
At2g46830	At1g50560	7.88E-07
At5g65210	At4g11280	1.15E-09
At2g46830	At4g14770	9.40E-08
At2g36010	At3g10470	3.29E-06
At2g46830	At5g01380	6.13E-06
At1g45249	At1g77090	5.52E-07
At2g18160	At1g77450	6.80E-06
At2g46830	At2g30250	5.40E-08
At1g22640	At3g04960	3.06E-09
At2g46270	At2g46830	1.39E-08
At3g20770	At2g44840	7.62E-06
At2g46830	At4g14695	4.14E-06
At1g13260	At1g32900	9.83E-06
At4g18960	At1g03050	8.53E-06
At4g18960	At3g45030	2.18E-06
At2g14210	At1g07350	6.27E-09
At3g30260	At1g26310	2.00E-09
At4g21440	At2g40080	2.70E-08
At5g02030	At3g24740	1.31E-06
At1g32640	At3g26740	1.05E-06
At1g24260	At5g20340	1.61E-08
At2g46830	At3g15500	1.80E-07
At5g35550	At1g71120	6.78E-07
At5g60850	At5g18140	3.35E-07
At2g36011	At1g16705	3.25E-06
At4g18960	At5g05070	7.18E-06
At2g46830	At4g32040	6.70E-08
At5g65210	At5g63860	8.84E-08
At4g18960	At4g34820	6.42E-07
At5g35550	At5g19120	3.02E-06
At3g50410	At5g20690	1.33E-06
At2g36010	At1g02813	6.93E-06
At3g61120	At1g26310	2.00E-09
At2g36011	At5g07810	4.35E-06
At2g46830	At1g02220	5.70E-07
At4g18960	At4g34150	2.81E-08
At3g50410	At3g52400	1.10E-06
At4g18960	At5g60010	6.59E-06
At2g45650	At3g06750	1.16E-08
At3g45260	At5g10510	6.07E-09
At2g46830	At3g04070	1.95E-07
At4g18960	At2g41380	1.89E-08
At4g18960	At4g24380	1.39E-06
At4g18960	At5g16680	4.10E-07
At4g38620	At1g62990	6.84E-06
At4g34590	At1g07120	3.06E-06
At5g60850	At2g01590	3.35E-07
At2g46830	At5g01530	5.79E-08
At2g46830	At3g09100	4.55E-07
At1g69120	At5g47150	2.72E-07
At5g35550	At1g60190	5.05E-06
At2g47190	At1g75460	4.89E-09
At1g59750	At1g74660	9.99E-07
At3g45260	At3g01570	6.07E-09
At1g32150	At2g34315	2.56E-09
At2g46830	At5g10660	3.80E-06
At2g46830	At3g49790	7.88E-06
At2g46830	At4g21710	2.49E-06
At4g18960	At5g35320	5.19E-06
At4g18960	At5g52820	9.00E-07
At2g46830	At2g21320	1.69E-06
At2g46830	At1g76890	4.06E-09
At2g46830	At1g75390	2.11E-06
At2g22430	At4g18480	2.05E-06
At4g38620	At1g28470	6.84E-06
At5g66730	At5g07190	6.07E-09
At1g69120	At3g10570	4.51E-07
At2g03710	At4g27654	1.39E-06
At5g60850	At1g27360	4.26E-08
At5g60850	At4g04490	3.03E-08
At5g35550	At3g62420	8.07E-07
At4g18960	At1g54860	1.89E-07
At4g18960	At3g15780	9.14E-07
At4g18960	At4g36180	2.39E-08
At4g18960	At5g06000	1.11E-06
At4g18960	At4g21820	1.92E-06
At2g46830	At4g24990	6.70E-08
At2g46830	At1g12250	3.29E-07
At1g75390	At5g63790	6.80E-06
At5g60850	At5g22810	2.91E-07
At1g07640	At2g18280	2.70E-07
At1g49720	At4g38960	3.52E-07
At2g46830	At2g42200	7.20E-06
At4g18960	At2g38905	6.69E-06
At1g22640	At5g39410	2.70E-08
At2g46270	At5g64170	5.83E-09
At4g18960	At1g18750	3.75E-07
At4g18960	At1g26540	8.41E-06
At4g18960	At4g32610	1.54E-06
At4g18960	At4g28310	7.39E-06
At2g35530	At2g19320	2.56E-09
At2g46830	At4g22680	4.12E-06
At2g46830	At3g16050	2.88E-06
At5g02030	At5g38030	1.82E-06
At5g15800	At3g07090	6.27E-09
At2g46830	At2g43050	4.98E-08
At4g18960	At3g08740	2.54E-07
At4g18960	At3g19480	1.63E-06
At2g46830	At3g05360	5.70E-07
At4g18960	At5g06760	3.54E-07
At5g15800	At4g38540	1.89E-08
At5g26660	At3g46640	2.70E-08
At5g60850	At1g05340	8.13E-06
At3g50410	At5g61890	3.03E-08
At5g06100	At2g40080	2.70E-08
At5g54230	At4g16146	2.70E-08
At2g46830	At5g06980	4.84E-06
At2g22430	At1g27290	3.52E-06
At3g58780	At2g41730	2.10E-08
At2g46830	At4g37610	5.76E-06
At2g46830	At1g56220	1.04E-06
At2g46270	At2g04050	8.05E-09
At5g10030	At3g28715	3.90E-06
At2g46830	At5g67300	8.42E-06
At2g46830	At5g67030	1.18E-06
At2g46830	At1g63470	7.76E-07
At4g18960	At5g19330	1.82E-06
At2g35530	At2g40000	3.72E-08
At4g18960	At3g03380	2.09E-06
At4g18960	At1g74660	8.49E-07
At1g69120	At2g27370	1.69E-06
At4g18960	At5g13300	2.11E-09
At2g46830	At4g14720	5.99E-06
At2g46830	At1g60190	2.03E-07
At1g59750	At3g12160	3.47E-06
At2g03710	At1g73540	1.39E-06
At2g03710	At5g26150	1.61E-08
At2g47190	At5g42780	1.61E-07
At4g18960	At5g47190	6.87E-07
At5g35550	At1g18620	2.81E-08
At5g13790	At1g32870	2.10E-08
At2g46830	At4g24110	5.90E-06
At3g58780	At5g58400	6.87E-08
At2g46830	At3g24490	2.43E-06
At2g46830	At5g59980	3.55E-08
At1g74650	At5g61380	2.70E-08
At3g55370	At1g15350	2.70E-07
At5g02030	At1g80070	9.11E-06
At2g46830	At5g39670	1.88E-06

Transcription factor	Target Gene	*P*-Value
At5g61850	At1g30880	1.14E-09
At2g46830	At5g13220	3.16E-06
At2g46830	At5g02030	4.47E-08
At3g23240	At1g13960	8.72E-07
At4g25470	At3g21830	6.74E-08
At4g18960	At1g06350	1.09E-07
At2g46830	At3g55020	9.25E-06
At1g07640	At3g54340	1.82E-07
At3g50410	At2g20560	8.90E-08
At2g46830	At4g12750	3.55E-08
At1g07640	At3g55980	3.14E-06
At2g46830	At1g21910	4.60E-06
At5g60850	At3g51770	1.27E-06
At1g59750	At1g18880	9.99E-07
At5g65210	At1g23870	4.52E-06
At5g13790	At2g47070	2.09E-06
At4g18960	At1g17380	2.03E-07
At4g18960	At1g20410	5.73E-06
At4g18960	At5g06690	4.10E-06
At2g46830	At1g01780	2.36E-06
At3g02310	At5g20340	1.61E-08
At4g18960	At3g57180	1.27E-07
At1g49720	At5g61380	5.34E-08
At4g18960	At2g40430	4.68E-06
At5g10030	At3g13510	6.31E-06
At2g46830	At4g19660	1.68E-06
At2g36010	At4g00355	5.03E-08
At1g45249	At1g01720	4.60E-07
At3g55370	At5g55720	3.93E-06
At2g46830	At4g34980	4.23E-06
At2g46830	At2g31040	8.21E-06
At1g49720	At1g67980	1.28E-07
At1g69120	At1g06170	2.09E-09
At1g49720	At4g37370	5.68E-09
At2g46830	At3g59060	4.56E-07
At2g46830	At2g19520	1.42E-06
At4g18960	At3g04370	5.67E-06
At3g19290	At5g18490	8.83E-06
At5g15800	At3g13640	3.42E-08
At1g07640	At1g23600	3.93E-06
At2g03710	At2g15480	2.11E-07
At4g18960	At3g01310	1.18E-08
At2g46830	At1g51490	3.82E-07
At4g34590	At2g31930	3.06E-06
At2g46830	At3g23080	8.36E-07
At1g07640	At5g44990	3.03E-08
At2g46830	At5g47670	7.50E-09
At2g46830	At3g01470	4.72E-09
At4g01680	At4g16146	2.70E-08
At2g46830	At5g66940	2.03E-07
At2g46830	At1g51410	3.81E-07
At5g15800	At5g61850	2.00E-09
At5g35550	At2g27100	2.30E-07
At5g35550	At4g38690	7.45E-06
At2g46830	At1g13450	3.77E-07
At4g18960	At5g23405	6.53E-06
At1g07640	At5g38120	3.93E-06
At4g18960	At5g03780	5.94E-06
At5g65210	At1g80440	4.52E-06
At1g22640	At1g56060	2.98E-06
At4g18960	At5g59450	4.12E-06
At2g46830	At5g44280	1.99E-06
At3g50700	At1g03890	6.07E-09
At3g61120	At5g26150	1.61E-08
At2g46830	At5g27200	7.50E-09
At2g46830	At4g29510	3.55E-08
At1g59750	At1g28370	1.04E-06
At2g47190	At2g03200	1.77E-06
At2g46830	At1g44810	2.43E-06
At2g46830	At1g03240	1.02E-07
At4g38620	At1g72450	1.11E-06
At3g55370	At5g63600	9.20E-06
At4g18960	At2g34790	3.31E-06
At4g18960	At3g61310	4.01E-06
At4g36730	At3g05200	3.72E-08
At4g18960	At2g27370	6.01E-06
At4g18960	At1g27980	1.56E-09
At2g46830	At3g09930	6.69E-07
At4g01120	At1g10170	8.05E-09
At2g22430	At1g63720	2.50E-06
At2g03710	At1g22380	9.88E-07
At5g60850	At4g13235	9.20E-06
At3g58780	At1g07120	1.90E-08
At1g07640	At3g05200	1.10E-06
At3g55370	At5g43930	1.27E-06
At1g49720	At4g27657	4.54E-07
At2g36011	At4g00355	5.03E-08
At5g35550	At1g22630	4.89E-09
At1g59750	At3g17880	3.27E-06
At1g69120	At3g57620	2.09E-09
At2g46830	At1g21250	1.68E-06
At2g45650	At1g07350	6.27E-09
At1g24260	At1g33240	1.16E-08
At1g45249	At1g62300	1.82E-06
At3g62420	At5g05410	6.80E-06
At4g18960	At5g20760	9.50E-06
At5g65210	At5g52400	3.19E-06
At4g18960	At2g46860	5.86E-06
At5g13790	At2g13570	1.55E-07
At5g02030	At1g14150	1.59E-06
At5g12870	At5g39410	2.70E-08
At3g55370	At5g45960	3.93E-06
At5g60850	At1g16705	1.82E-07
At2g46830	At3g62290	4.79E-06
At4g18960	At3g60920	9.50E-06
At3g55370	At3g45640	7.91E-06
At4g18960	At3g22910	2.21E-06
At2g46830	At3g55190	3.80E-06
At2g46830	At1g07430	1.38E-06
At5g02030	At1g75460	1.59E-06
At3g50410	At1g74070	3.35E-07
At5g10030	At2g03200	1.12E-07
At5g35550	At3g02340	6.86E-06
At5g55020	At1g28050	2.70E-08
At5g13790	At1g02190	8.78E-06
At2g46830	At3g48790	4.68E-06
At5g60850	At5g20690	1.33E-06
At2g46830	At1g73800	1.68E-06
At2g03710	At1g32870	8.88E-07
At2g46830	At1g20010	4.03E-07
At5g15800	At4g24620	2.12E-06
At1g59750	At5g52160	4.83E-06
At2g46830	At1g66360	5.80E-06
At2g46830	At4g05200	7.88E-07
At2g46830	At1g50040	4.60E-06
At1g45249	At1g65690	1.82E-06
At3g50410	At1g32780	3.93E-06
At4g01120	At5g16200	3.72E-08
At5g35550	At2g03200	1.77E-06
At3g58780	At3g55870	4.43E-06
At5g60850	At4g11170	3.03E-08
At3g55370	At4g24570	3.14E-06
At2g46830	At2g43010	3.21E-07
At2g46830	At5g04720	4.36E-09
At2g46830	At3g10040	5.90E-06
At1g22640	At2g46270	2.34E-06
At1g07640	At3g45640	7.91E-06
At4g18960	At4g01330	1.94E-06
At2g46830	At3g20220	1.76E-06
At2g46830	At5g44730	5.90E-06
At4g18960	At2g47190	2.36E-06
At2g46830	At5g07810	1.26E-07
At4g18960	At1g35710	4.88E-06
At5g35550	At5g66020	3.79E-06
At2g46830	At2g17845	8.64E-06
At3g55370	At5g61890	3.03E-08
At4g18960	At3g27220	1.46E-06
At2g46830	At5g57050	2.22E-06
At2g46830	At4g30850	1.38E-06
At3g50410	At1g27300	4.13E-06
At4g18960	At3g61890	6.86E-06
At4g34990	At4g33980	2.70E-08
At1g32640	At5g65700	7.96E-07
At4g18960	At3g15500	2.11E-06
At5g02030	At3g62410	1.59E-06
At5g06100	At4g33980	2.70E-08
At2g46830	At3g56370	2.34E-06
At4g18960	At5g66130	5.94E-06
At3g50410	At3g09350	8.90E-08

Transcription factor	Target Gene	*P*-Value
At5g65210	At3g24830	1.68E-07
At4g21440	At1g28050	2.70E-08
At4g18960	At1g21250	4.88E-06
At4g18960	At1g80840	2.81E-08
At2g46830	At3g12130	1.83E-07
At3g19290	At4g11660	3.08E-07
At2g46830	At5g18000	3.36E-06
At2g46830	At4g30130	2.82E-07
At2g36010	At5g22980	1.16E-06
At3g58780	At1g05575	4.45E-06
At2g47190	At3g28500	2.91E-06
At2g46830	At1g04400	6.41E-08
At1g45249	At1g23710	4.54E-07
At2g03710	At1g71120	2.91E-06
At3g19290	At3g20810	2.40E-08
At2g46830	At5g50750	2.49E-06
At1g07640	At2g04790	3.35E-07
At1g49720	At2g46270	4.60E-07
At2g46830	At4g31550	1.31E-09
At4g18960	At5g37780	8.76E-06
At4g18960	At1g33050	2.61E-06
At2g46830	At1g47670	6.91E-06
At1g32150	At2g19320	2.56E-09
At1g69120	At5g59980	3.83E-06
At2g46830	At5g44990	1.67E-06
At2g46830	At2g38130	2.01E-08
At5g13790	At3g53140	8.78E-06
At2g22430	At1g29280	6.65E-07
At2g22430	At2g14100	6.65E-07
At3g30260	At1g08150	1.61E-08
At4g18960	At1g20010	3.38E-06
At1g59750	At5g42180	9.99E-07
At2g46830	At2g10970	8.48E-07
At5g13790	At4g16180	2.09E-06
At4g18960	At3g14740	7.15E-08
At3g24310	At1g28050	2.70E-08
At5g06960	At4g26760	6.56E-06
At5g60850	At1g55370	3.35E-07
At4g18960	At3g05060	4.68E-06
At3g20770	At1g75100	5.14E-07
At2g46830	At4g39630	5.65E-07
At2g46830	At3g51770	1.02E-07
At5g35550	At4g34400	7.48E-06
At1g49720	At4g29780	2.87E-06
At2g36010	At5g52760	3.41E-06
At2g46830	At4g35280	7.38E-06
At4g18960	At3g61910	5.47E-06
At4g18960	At5g15630	2.36E-06
At2g46830	At2g25080	4.56E-07
At3g55370	At1g18390	1.10E-06
At5g35550	At1g16240	6.86E-06
At4g18960	At2g31350	4.10E-07
At4g18960	At5g33370	2.34E-06
At5g13790	At5g39610	2.15E-08
At1g68840	At1g20010	1.34E-06
At4g18960	At1g47128	3.28E-09
At3g55370	At5g46350	3.03E-08
At4g18960	At5g45820	1.68E-06
At2g46830	At4g38960	9.73E-09
At3g58780	At3g15050	1.90E-08
At2g46830	At2g24460	4.94E-06
At2g03710	At4g24640	8.16E-06
At3g09230	At1g62990	2.70E-06
At2g46830	At5g39650	3.72E-06
At3g55370	At2g42990	3.93E-06
At1g24260	At5g35320	6.27E-09
At4g18960	At1g63910	1.90E-08
At5g65210	At3g46620	1.15E-09
At4g18960	At2g04050	4.28E-06
At2g46830	At4g28500	5.97E-06
At2g22430	At2g34500	1.13E-06
At5g02030	At1g66150	2.97E-07
At5g02030	At5g32440	6.66E-07
At5g35550	At5g39220	3.06E-09
At2g46830	At3g26740	1.08E-06
At1g69120	At5g21170	5.51E-06
At1g68840	At2g46770	7.31E-06
At1g07640	At3g17680	9.36E-06
At4g18960	At4g32040	9.32E-06
At1g59750	At1g20580	9.43E-06
At3g50410	At4g04490	3.03E-08
At1g69120	At2g46230	2.66E-06
At4g09460	At1g17665	2.70E-08
At2g46830	At3g04370	1.64E-07
At2g46830	At1g32210	1.06E-06
At1g59750	At2g38470	1.04E-06
At3g55370	At1g16130	1.10E-06
At4g18960	At1g78430	2.63E-09
At5g35550	At5g64260	8.07E-07
At4g18960	At4g01780	2.39E-08
At2g46830	At1g19020	5.74E-06
At4g18960	At1g26260	2.39E-08
At4g18960	At4g32830	8.89E-07
At2g22430	At1g50560	6.65E-07
At4g38620	At1g52980	2.11E-06
At2g46830	At2g18110	1.54E-07
At2g14210	At5g61620	1.61E-08
At4g18960	At5g16770	1.47E-06
At5g60850	At5g43930	1.27E-06
At2g46830	At5g55020	4.94E-06
At1g69120	At5g65210	1.27E-06
At2g46830	At5g03555	1.37E-07
At2g46830	At3g14210	2.57E-08
At4g29940	At5g05510	6.43E-06
At2g46830	At5g59550	4.16E-06
At1g68840	At3g61820	1.34E-06
At4g18960	At2g32890	4.98E-08
At4g34590	At1g09610	3.06E-06
At3g61250	At5g48250	2.70E-08
At4g18960	At1g72670	1.92E-06
At1g32640	At1g30135	3.57E-07
At3g55370	At3g04960	1.82E-07
At1g59750	At2g24460	1.38E-06
At4g18960	At4g24570	2.81E-08
At5g60850	At5g46180	4.13E-06
At4g01120	At1g07180	8.66E-08
At5g35550	At4g20110	5.82E-06
At2g46830	At3g10030	2.34E-06
At2g36010	At5g62320	6.93E-06
At4g18960	At2g35260	8.30E-06
At2g46830	At2g09990	2.58E-06
At5g06960	At3g61650	6.56E-06
At5g35550	At5g46200	3.79E-06
At2g46830	At2g30390	7.22E-07
At1g59750	At3g13640	8.91E-06
At4g18960	At5g51560	7.69E-07
At2g35530	At1g27730	3.72E-08
At2g46830	At4g21020	6.27E-06
At1g22640	At1g69260	2.34E-06
At1g07640	At1g55370	3.35E-07
At5g35550	At1g29510	7.45E-06
At3g20770	At2g34600	7.62E-06
At1g45249	At1g77450	4.60E-07
At4g38620	At2g46830	6.44E-06
At2g46830	At5g51190	2.21E-07
At5g65210	At5g39410	2.66E-09
At1g69120	At4g26060	3.46E-06
At4g01120	At1g32900	8.66E-08
At2g46830	At1g78510	3.67E-06
At2g46830	At1g32900	6.29E-07
At4g18960	At2g33860	1.69E-06
At5g35550	At5g61380	5.92E-06
At2g46830	At4g26370	1.57E-07
At3g45260	At1g65090	6.07E-09
At2g46830	At5g46910	1.38E-06
At2g46830	At1g50600	9.00E-06
At2g46830	At5g61850	6.70E-07
At5g60910	At1g14280	1.16E-08
At2g46830	At2g42890	6.57E-08
At1g07640	At5g35390	1.33E-06
At5g03150	At5g09640	6.07E-09
At5g13790	At1g27370	8.78E-06
At2g46830	At2g32650	5.12E-06
At2g22430	At1g05340	8.05E-06
At4g18960	At5g22920	2.34E-06
At1g49720	At3g46640	5.34E-08
At1g26310	At1g07350	6.27E-09
At4g18960	At1g17950	3.50E-07
At3g13810	At5g09640	6.07E-09
At2g18160	At3g56100	3.95E-06
At1g45249	At1g01060	1.09E-08
At5g60850	At3g08720	8.13E-06

Transcription factor	Target Gene	*P*-Value
At1g07640	At5g47220	7.91E-06
At4g18960	At2g32140	2.13E-06
At1g32640	At5g50160	1.05E-06
At2g46830	At1g58430	7.27E-06
At5g13790	At5g35430	2.09E-06
At3g55370	At3g28500	1.82E-07
At2g46830	At1g01160	2.45E-07
At5g13790	At1g10170	2.10E-08
At5g22220	At3g61190	6.57E-08
At4g18960	At3g50960	2.20E-06
At2g46830	At4g00355	6.70E-08
At1g22640	At5g57610	2.34E-06
At1g13260	At1g73870	9.83E-06
At2g26960	At3g46640	2.70E-08
At5g65210	At1g66080	2.53E-06
At5g35550	At5g04280	2.30E-07
At5g60850	At1g15350	2.70E-07
At1g49720	At1g74590	1.28E-07
At1g07640	At5g23830	9.20E-06
At1g18570	At5g39410	2.70E-08
At3g50410	At1g27360	4.26E-08
At4g18960	At2g37120	2.13E-07
At4g18960	At4g11280	1.39E-06
At5g10030	At1g26670	3.90E-06
At2g46830	At3g09600	1.37E-07
At5g60850	At1g74310	8.90E-08
At2g46830	At2g22840	5.74E-07
At2g03710	At2g26150	6.27E-09
At4g18960	At2g21210	6.27E-06
At5g60850	At1g52880	4.55E-08
At2g46830	At3g05510	5.32E-07
At4g18960	At1g53520	7.43E-06
At4g18960	At5g60960	8.51E-08
At5g35550	At3g53600	2.98E-06
At4g18960	At2g22960	3.46E-06
At1g45249	At1g64500	1.09E-08
At4g18960	At3g19030	7.23E-07
At2g46830	At3g06380	1.06E-06
At2g46830	At1g68840	1.67E-06
At4g18960	At1g08340	5.83E-06
At5g65210	At5g10695	1.15E-09
At3g19290	At3g54500	4.23E-07
At2g46830	At2g05630	7.42E-07
At2g46830	At1g72030	3.92E-06
At4g18960	At4g29820	2.69E-06
At4g18960	At5g10500	6.59E-06
At4g18960	At2g25270	4.11E-07
At3g09230	At2g21240	8.89E-06
At4g18960	At5g04390	1.72E-06
At4g18960	At5g54080	2.11E-06
At2g46830	At1g57550	3.03E-08
At1g49720	At3g10500	1.82E-06
At1g45249	At2g34600	2.87E-06
At3g55370	At1g03240	1.27E-06
At4g18960	At4g31700	1.83E-06
At4g38620	At1g70700	1.11E-06
At3g50410	At5g35320	8.90E-08
At4g18960	At5g24290	6.67E-06
At2g47190	At4g11280	3.40E-06
At1g45249	At3g47500	1.19E-09
At1g75390	At3g50220	3.06E-06
At2g47190	At1g69480	5.05E-06
At2g46830	At5g16110	1.20E-07
At2g46830	At1g17420	9.27E-06
At4g18960	At4g15430	4.28E-09
At4g18960	At3g26140	6.87E-08
At5g60850	At2g42990	3.93E-06
At2g46830	At1g09600	6.00E-09
At3g58780	At4g33330	1.90E-08
At2g32460	At4g16146	2.70E-08
At2g46830	At2g35380	7.38E-08
At1g13260	At5g15850	9.83E-06
At4g26930	At5g39410	2.70E-08
At2g46830	At5g20690	3.82E-07
At2g47190	At2g35940	5.05E-06
At5g35550	At1g56060	2.98E-06
At3g50410	At1g16130	1.10E-06
At2g46830	At2g15020	9.73E-09
At2g18160	At3g23920	6.80E-06
At2g47190	At3g02140	8.07E-07
At2g03710	At1g08150	1.61E-08
At1g59750	At3g55180	3.47E-06
At4g18960	At1g61010	1.13E-08
At3g58780	At1g80160	2.15E-08
At2g46830	At1g04580	3.17E-07
At2g46830	At5g61170	7.00E-06
At3g50410	At5g48270	1.33E-06
At2g46830	At4g17330	8.70E-08
At1g32640	At1g06460	1.05E-06
At4g18960	At1g14530	2.31E-06
At4g38620	At5g59450	9.58E-06
At1g69120	At1g69180	2.00E-09
At3g50410	At4g31550	1.10E-06
At4g18960	At1g36980	3.32E-06
At1g32640	At2g40140	4.30E-06
At2g46830	At4g37210	1.83E-07
At2g46830	At3g46520	5.64E-06
At4g18960	At4g08150	2.63E-09
At4g18960	At3g52600	5.78E-08
At1g45249	At1g19210	2.87E-06
At3g50410	At3g15510	4.55E-08
At5g35550	At4g37260	8.07E-07
At1g32640	At3g12610	2.10E-06
At3g58780	At4g17500	4.45E-06
At2g46830	At2g34790	1.59E-06
At4g18960	At3g55870	9.88E-07
At3g02310	At1g26310	2.00E-09
At1g24260	At1g11040	1.61E-08
At2g46830	At1g30710	5.80E-06
At4g18960	At3g62290	3.32E-06
At2g47190	At3g55870	7.00E-06
At3g23240	At5g35320	9.54E-06
At3g55370	At2g21045	9.20E-06
At2g46830	At4g11660	2.88E-06
At4g18960	At2g37670	1.72E-06
At4g18960	At3g56880	1.28E-06
At3g23240	At5g59220	5.51E-06
At5g26660	At1g17665	2.70E-08
At2g46830	At2g01580	9.08E-07
At4g18960	At5g57690	6.59E-06
At2g36011	At3g03450	3.25E-06
At5g55020	At5g48250	2.70E-08
At2g46830	At3g62640	2.04E-06
At1g24260	At2g34440	1.61E-08
At5g60910	At3g06750	1.16E-08
At3g55370	At1g27300	4.13E-06
At5g35550	At5g50790	3.06E-09
At2g46830	At3g48010	3.36E-06
At2g46830	At3g10470	3.80E-06
At2g46830	At4g17690	1.49E-07
At2g46830	At3g06830	1.70E-07
At2g46830	At2g41870	2.03E-07
At2g22430	At3g15500	2.50E-06
At3g62420	At1g07120	3.06E-06
At2g46830	At1g15940	2.49E-06
At3g58780	At4g00870	8.78E-06
At5g35550	At5g24470	5.92E-06
At4g18960	At3g19090	5.29E-06
At4g18960	At3g48730	4.65E-06
At2g46830	At4g01330	1.09E-06
At1g32640	At3g05200	2.46E-07
At5g65210	At5g63190	1.66E-08
At5g60850	At1g80840	7.91E-06
At1g22640	At1g78970	7.45E-06
At4g18960	At3g54080	2.09E-09
At4g29940	At5g07810	6.43E-06
At3g20770	At1g07180	5.14E-07
At2g22430	At4g05590	6.41E-08
At2g46830	At2g46490	2.78E-08
At5g13790	At3g55110	8.78E-06
At2g46830	At2g36200	1.33E-07
At2g46830	At2g31410	2.58E-06
At2g46830	At5g03870	5.65E-07
At1g32640	At3g25165	4.81E-06
At4g18960	At2g41070	9.27E-09
At3g50410	At3g28500	1.82E-07
At5g26660	At1g28050	2.70E-08
At2g46830	At5g52820	4.62E-06
At3g55370	At2g25735	7.91E-06
At4g18960	At1g31970	4.68E-06
At4g18960	At1g09940	2.13E-06
At2g46830	At1g14930	2.19E-08

Transcription factor	Target Gene	*P*-Value
At3g50410	At3g10930	3.14E-06
At4g18960	At3g17160	1.44E-06
At2g14210	At2g19040	1.61E-08
At2g46830	At3g26520	2.26E-07
At4g18960	At2g38250	2.13E-06
At5g35550	At5g15530	1.61E-07
At1g68840	At5g57050	4.77E-07
At2g46830	At4g17490	8.58E-06
At3g50410	At4g11660	8.90E-08
At1g07640	At5g08000	9.36E-06
At5g61850	At5g19330	5.33E-06
At2g46830	At3g13750	1.89E-06
At2g46830	At1g06170	2.30E-06
At2g46830	At3g26790	6.70E-07
At4g18960	At2g39190	1.87E-06
At4g18960	At5g06560	8.66E-09
At3g62420	At5g15830	6.18E-08
At2g46830	At3g01420	6.57E-08
At2g46830	At2g29050	5.55E-06
At2g46830	At1g08320	1.94E-06
At2g46830	At1g09610	5.97E-06
At1g07640	At2g26150	8.90E-08
At4g25490	At3g01330	4.88E-07
At4g18960	At1g79860	3.68E-06
At4g18960	At5g20690	8.60E-07
At2g22430	At1g50900	2.05E-06
At2g46830	At2g15010	2.59E-07
At4g18960	At3g04770	1.11E-06
At4g18960	At4g02390	5.94E-06
At1g22640	At1g28050	2.70E-08
At4g18960	At3g22210	6.42E-07
At5g02030	At5g43930	1.31E-06
At4g09460	At3g46640	2.70E-08
At2g36010	At5g05510	4.35E-06
At1g68840	At2g41610	7.31E-06
At2g46830	At1g48830	1.59E-08
At1g32640	At1g72520	3.57E-07
At4g38620	At1g73410	6.84E-06
At5g35550	At3g02440	3.79E-06
At1g49720	At1g12610	2.87E-06
At2g46830	At1g09370	9.93E-07
At2g47190	At3g06070	3.02E-06
At4g18960	At5g05220	3.84E-06
At2g46270	At2g41250	1.39E-08
At3g19290	At3g12320	4.23E-07
At2g46270	At4g03320	8.05E-09
At2g03710	At5g20340	1.61E-08
At4g18960	At1g13450	1.99E-07
At2g46830	At1g75080	1.89E-06
At2g46830	At1g62070	2.49E-06
At2g03710	At5g39520	7.17E-06
At2g46830	At4g27410	1.80E-07
At2g46830	At1g70590	5.20E-07
At2g46830	At1g73870	6.29E-07
At1g55110	At5g57390	6.07E-09
At2g14210	At1g26310	2.00E-09
At2g47190	At1g60190	5.05E-06
At1g59750	At5g52780	6.97E-07
At4g18960	At3g28630	2.38E-06
At2g46830	At3g27890	2.48E-06
At2g46830	At3g53300	2.46E-07
At2g46830	At1g31970	9.16E-06
At2g46830	At4g14815	2.39E-08
At1g69120	At3g11840	2.34E-08
At4g18960	At5g10740	4.10E-07
At4g18960	At5g35390	8.60E-07
At2g03710	At3g14380	9.88E-07
At5g35550	At5g55230	7.67E-07
At2g46830	At3g28500	6.40E-07
At2g46830	At2g14095	2.29E-06
At1g74650	At5g42900	2.70E-08
At5g15800	At3g04070	1.89E-08
At2g46830	At5g52750	1.88E-06
At1g49720	At4g03280	5.52E-07
At3g55370	At2g22960	3.93E-06
At3g50410	At3g04070	4.13E-06
At5g60850	At4g14695	1.82E-07
At1g22640	At3g54340	3.06E-09
At3g09230	At1g08340	2.70E-06
At4g18960	At2g21820	9.14E-07
At4g18960	At5g03555	5.44E-07
At1g22640	At5g12840	2.34E-06
At4g18960	At5g24470	1.12E-06
At2g46830	At4g28890	7.88E-07
At5g60850	At5g47220	7.91E-06
At4g18960	At5g12200	3.28E-09
At1g59750	At2g15020	5.73E-08
At1g24260	At3g06750	1.16E-08
At1g07640	At5g12460	2.91E-07
At5g35550	At1g16705	2.91E-06
At2g46830	At1g31310	2.03E-07
At2g36010	At5g24940	3.29E-06
At4g18960	At5g48270	8.60E-07
At5g35550	At1g73260	8.10E-06
At1g59750	At2g03060	3.47E-06
At2g18160	At1g09610	3.06E-06
At3g23240	At4g32490	3.82E-09
At4g38620	At3g23080	9.13E-07
At2g46830	At3g15970	2.49E-06
At4g18960	At1g75100	4.39E-07
At2g36011	At3g59550	4.35E-06
At5g02030	At1g33240	2.97E-07
At2g22430	At2g45170	3.52E-06
At1g24260	At4g36540	1.16E-08
At2g47190	At2g40370	5.41E-07
At2g03710	At2g20560	6.27E-09
At5g65210	At3g15500	3.19E-06
At4g18960	At1g62500	2.41E-06
At2g36011	At4g32830	4.35E-06
At5g35550	At2g30240	3.79E-06
At4g18960	At5g61170	1.83E-06
At4g18960	At5g46920	5.35E-07
At2g46830	At5g60100	7.42E-07
At2g46830	At3g46640	4.12E-06
At5g65210	At4g19860	1.66E-08
At1g07640	At2g35980	3.03E-08
At1g22640	At1g64890	5.92E-06
At3g30260	At4g36540	1.16E-08
At2g46830	At5g67510	2.76E-06
At4g18960	At1g18170	2.85E-07
At2g22430	At3g05920	6.65E-07
At2g46830	At2g26380	5.60E-07
At2g46830	At1g73410	1.62E-07
At1g69120	At4g02840	2.66E-06
At4g18960	At1g80440	2.34E-06
At2g46830	At2g41090	1.68E-06
At4g18960	At3g20810	8.53E-07
At2g46830	At5g65670	1.31E-07
At3g50410	At1g27370	4.26E-08
At3g09230	At3g10340	2.70E-06
At4g18960	At2g36400	7.47E-06
At3g58780	At4g16680	2.10E-08
At2g46830	At1g70530	9.60E-08
At1g32640	At3g50060	2.46E-07
At4g18960	At1g21880	4.11E-07
At4g18960	At3g16990	9.14E-07
At4g18960	At4g36540	6.27E-06
At5g61850	At2g46280	1.14E-09
At2g46830	At3g21930	1.76E-07
At2g36010	At3g52160	6.93E-06
At2g46830	At4g20020	8.78E-07
At3g50410	At1g76110	3.35E-07
At5g35550	At1g61680	1.35E-06
At4g18960	At3g27890	5.74E-06
At4g18960	At5g49020	5.73E-06
At5g60910	At1g69180	2.00E-09
At3g19290	At5g46180	3.73E-08
At5g02030	At5g65210	6.29E-09
At2g22430	At3g24500	5.34E-06
At5g02030	At2g36900	6.66E-07
At3g19290	At5g39610	3.73E-08
At4g18960	At1g47540	1.89E-07
At1g69120	At5g61850	2.00E-09
At3g50410	At1g77270	4.26E-08
At2g46830	At1g22810	5.60E-07
At4g26930	At2g40080	2.70E-08
At2g46830	At5g45710	5.04E-07
At2g46830	At2g20515	5.39E-07
At2g46830	At4g38800	4.79E-06
At2g46830	At1g12610	6.50E-06
At4g18960	At1g68520	1.63E-06
At2g36011	At4g24990	5.03E-08

Transcription factor	Target Gene	*P*-Value
At4g18960	At1g35310	5.00E-06
At2g46830	At1g71697	4.68E-06
At1g59750	At1g03240	2.55E-07
At4g18960	At1g12250	6.42E-07
At2g46830	At2g16730	1.76E-06
At1g69120	At4g18880	2.34E-08
At3g20770	At1g17380	7.62E-06
At2g46830	At5g47930	1.59E-08
At4g18960	At1g26670	1.99E-07
At4g18960	At5g34870	8.15E-09
At2g46830	At3g25870	2.61E-07
At4g18960	At4g38540	1.89E-08
At3g62420	At5g63790	6.80E-06
At4g18960	At4g18960	3.42E-08
At4g18960	At2g45580	4.43E-06
At5g60850	At5g39520	4.13E-06
At1g55110	At3g01570	6.07E-09
At2g46830	At4g13160	4.41E-06
At1g22640	At2g32140	2.98E-06
At4g18960	At2g14100	6.01E-06
At4g18960	At3g62590	3.35E-07
At2g46830	At5g57660	6.51E-06
At2g36011	At2g36200	4.35E-06
At4g34990	At1g17665	2.70E-08
At2g46830	At1g29230	1.71E-06
At1g59750	At1g67640	1.38E-06
At2g46830	At4g34220	5.18E-07
At2g03710	At2g26900	1.09E-07
At1g68840	At1g07430	4.77E-07
At1g32640	At1g29510	2.10E-06
At2g46830	At5g60960	2.78E-07
At5g02030	At5g23420	9.14E-07
At4g18960	At4g29780	3.48E-07
At4g01680	At3g46640	2.70E-08
At4g18960	At2g46220	2.34E-06
At3g19290	At1g54860	8.05E-08
At1g25250	At5g10510	6.07E-09
At4g18960	At4g13960	3.67E-06
At1g45249	At5g61380	5.34E-08
At4g18960	At5g60360	8.62E-06
At2g46830	At1g05190	2.56E-06
At3g50410	At2g26530	7.91E-06
At5g60850	At1g24260	1.82E-07
At2g47190	At1g16240	6.86E-06
At1g69120	At3g58710	1.69E-06
At5g10030	At2g25270	6.56E-06
At2g47190	At3g04960	2.91E-06
At2g36010	At3g26140	1.16E-06
At1g55110	At1g03890	6.07E-09
At1g49720	At1g03600	5.52E-07
At4g18960	At5g64140	3.01E-06
At2g46830	At1g75710	2.34E-06
At4g25470	At1g65480	7.46E-07
At1g26310	At1g33240	1.16E-08
At4g18960	At2g35940	1.39E-06
At4g18960	At4g33150	3.35E-07
At2g46830	At3g04840	7.00E-06
At2g47190	At4g18550	7.00E-06
At5g06960	At4g37750	6.31E-06
At4g18960	At3g48010	1.72E-06
At3g19290	At5g42900	2.40E-08
At2g47190	At5g02420	7.00E-06
At2g47190	At2g41870	5.05E-06
At2g46830	At4g17800	1.25E-06
At1g49720	At3g09600	3.52E-07
At2g46830	At1g44000	1.53E-06
At4g29940	At3g14050	9.62E-06
At5g13790	At4g16680	2.10E-08
At1g32640	At2g38120	2.10E-06
At2g46830	At1g74660	6.19E-07
At5g15800	At4g34400	2.00E-09
At1g45249	At4g25620	4.54E-07
At5g60850	At5g63130	8.13E-06
At2g46830	At1g63300	3.24E-07
At2g46830	At2g26200	3.55E-08
At2g36010	At3g04960	3.25E-06
At4g26930	At1g28050	2.70E-08
At5g60850	At3g15510	4.55E-08
At2g14210	At5g60010	1.61E-08
At4g36730	At5g15850	8.66E-08
At4g18960	At1g31310	9.04E-06
At1g69120	At1g25260	5.41E-06
At2g46270	At4g15430	1.39E-08
At2g03710	At1g69180	2.00E-09
At5g10030	At5g62710	6.31E-06
At1g69120	At5g46920	3.83E-06
At4g18960	At3g25530	2.12E-06
At4g18960	At3g22790	5.09E-06
At5g10030	At4g37750	6.31E-06
At4g18960	At4g00870	8.78E-06
At2g47190	At1g26310	7.48E-06
At2g46830	At3g17020	5.29E-06
At4g38620	At2g34790	6.84E-06
At1g32640	At2g45740	1.05E-06
At5g26660	At4g33980	2.70E-08
At2g46830	At2g46230	5.05E-06
At1g25250	At3g10200	6.07E-09
At2g46830	At1g56600	7.70E-06
At4g18960	At1g19850	8.41E-06
At4g18960	At3g61250	8.54E-06
At3g55370	At2g20740	2.70E-07
At2g46830	At5g07220	1.01E-06
At4g18960	At1g26610	4.98E-08
At2g46830	At5g59870	1.44E-07
At4g18960	At2g45850	1.95E-06
At5g06960	At1g17950	1.12E-07
At2g46830	At3g20370	4.04E-07
At2g46830	At5g15950	2.45E-07
At2g22430	At1g07350	5.34E-06
At5g06100	At3g46640	2.70E-08
At2g46830	At1g73540	6.19E-07
At4g18960	At5g63810	3.53E-06
At4g18960	At5g40450	5.74E-06
At4g18960	At4g15250	3.67E-06
At1g45249	At1g69260	5.12E-09
At1g07640	At1g05340	8.13E-06
At2g35530	At1g65090	2.56E-09
At4g38620	At1g17950	6.84E-06
At2g46830	At1g04670	6.13E-06
At4g18960	At1g54630	4.68E-06
At4g18960	At3g07230	3.01E-06
At3g61120	At2g26150	6.27E-09
At4g18960	At1g15260	9.24E-09
At3g50410	At2g26150	8.90E-08
At2g46830	At1g75910	2.17E-07
At1g24260	At5g61850	2.00E-09
At4g18960	At5g16500	1.87E-06
At2g46830	At2g06050	1.46E-06
At2g46270	At1g64500	8.66E-08
At2g46830	At1g18390	1.31E-09
At3g50410	At5g13330	4.13E-06
At2g46830	At3g55460	2.45E-07
At1g69120	At3g17010	2.00E-09
At2g14210	At3g17010	2.00E-09
At5g35550	At2g46270	2.34E-06
At1g07640	At2g01590	3.35E-07
At5g02030	At3g10770	6.66E-07
At4g18960	At1g17920	9.04E-06
At4g18960	At4g36680	8.51E-08
At5g02030	At5g65080	1.41E-06
At2g46830	At4g19140	5.33E-07
At1g75390	At3g15050	3.06E-06
At3g58780	At2g19770	1.55E-07
At2g46830	At3g27870	7.70E-06
At2g46830	At1g43580	6.25E-07
At1g07640	At1g22440	9.20E-06
At2g47190	At1g68190	2.81E-08
At4g05100	At1g28050	2.70E-08
At4g34590	At2g46270	6.80E-06
At4g34590	At3g23920	6.80E-06
At3g50410	At1g22440	9.20E-06
At3g55370	At3g26910	1.10E-06
At2g46830	At2g41070	6.27E-06
At1g69120	At4g36540	1.16E-08
At5g02030	At1g79500	1.39E-06
At2g46830	At5g38120	4.86E-06
At1g59750	At3g15630	1.06E-06
At2g46830	At1g72670	9.40E-08
At1g69120	At4g34400	2.00E-09
At1g49720	At5g13080	1.82E-06
At2g46830	At1g30135	4.98E-06
At2g46830	At1g13710	3.47E-06

Transcription factor	Target Gene	*P*-Value
At5g10030	At1g21880	6.56E-06
At2g03710	At1g69690	1.09E-07
At1g49720	At5g04760	5.12E-09
At3g55370	At5g05340	3.03E-08
At1g69120	At5g18780	3.46E-06
At2g47190	At1g16705	2.91E-06
At1g26310	At2g19040	1.61E-08
At2g46830	At5g67420	1.67E-06
At1g45249	At1g17665	5.34E-08
At4g18960	At5g61600	1.74E-06
At2g46830	At4g30935	5.32E-07
At3g55370	At5g23830	9.20E-06
At2g47190	At1g70760	4.89E-09
At2g14210	At3g12580	6.27E-09
At2g46830	At1g06250	2.17E-07
At4g09460	At5g39410	2.70E-08
At2g46830	At1g68620	8.94E-07
At2g46830	At5g20850	1.96E-07
At1g69120	At4g12750	3.83E-06
At5g10280	At2g40080	2.70E-08
At2g46830	At5g57280	1.77E-08
At4g18960	At3g55510	4.68E-06
At2g47190	At4g37260	8.07E-07
At2g46830	At1g78500	2.59E-07
At4g01680	At5g48250	2.70E-08
At2g46830	At5g63810	3.70E-07
At2g46830	At2g17450	1.47E-07
At2g46830	At1g75640	6.05E-07
At2g46830	At1g68670	1.67E-06
At5g61850	At5g62190	1.14E-09
At2g46830	At2g32190	6.13E-06
At1g45249	At2g15480	1.82E-06
At4g18960	At3g20260	1.92E-06
At2g46830	At2g40080	1.41E-06
At2g46270	At3g47500	5.83E-09
At5g13790	At5g04540	2.10E-08
At2g46830	At5g13300	1.42E-06
At2g46830	At1g18650	5.18E-07
At4g18960	At3g50890	1.44E-06
At5g10280	At5g61380	2.70E-08
At1g69120	At1g20150	2.09E-09
At3g50410	At4g20160	1.33E-06
At1g45249	At3g12320	1.19E-09
At1g59750	At1g16760	3.47E-06
At3g50410	At1g23040	4.55E-08
At4g02670	At1g65090	6.07E-09
At4g18960	At2g33870	2.82E-06
At4g18960	At5g45130	8.42E-06
At1g59750	At1g75090	6.47E-06
At2g46830	At5g49720	7.80E-08
At4g18960	At3g53510	5.67E-06
At5g06960	At5g42780	8.30E-07
At4g18960	At3g53300	9.88E-07
At2g01940	At3g10200	6.07E-09
At3g23240	At3g10590	3.82E-09
At2g46830	At3g06790	7.55E-07
At2g46830	At5g04600	2.58E-06
At4g18960	At1g15200	5.89E-06
At1g24260	At1g26310	2.00E-09
At2g46830	At5g47450	6.06E-07
At2g46830	At5g57560	7.07E-06
At2g46830	At3g11000	2.82E-07
At5g10030	At3g56370	6.56E-06
At3g13810	At5g07190	6.07E-09
At5g35550	At1g76070	2.98E-06
At2g47190	At4g00238	3.55E-06
At3g09230	At3g15970	6.83E-06
At2g46830	At3g07150	5.26E-06
At3g55370	At1g14440	9.36E-06
At1g45249	At5g05410	4.60E-07
At2g46830	At2g12480	3.36E-06
At2g46830	At4g12000	2.61E-07
At4g18960	At5g62710	1.69E-06
At1g32640	At5g63790	2.66E-06
At2g46830	At2g02220	9.60E-08
At1g55110	At2g41070	6.07E-09
At2g46830	At1g03050	1.70E-07
At2g46830	At3g22190	3.83E-06
At4g18960	At2g16850	5.87E-06
At1g59750	At1g27480	6.97E-07
At2g46830	At2g24500	1.77E-08
At5g15800	At3g24500	6.27E-09
At2g46830	At1g44350	4.07E-06
At2g46830	At5g43810	8.65E-08
At4g18960	At1g09070	3.48E-07
At5g60850	At1g29690	1.10E-06
At3g62420	At3g52060	2.59E-08
At4g18960	At5g15800	3.42E-08
At4g18960	At2g04790	6.80E-06
At4g18960	At2g27230	5.14E-07
At3g30260	At3g17010	2.00E-09
At1g59750	At4g34440	3.47E-06
At4g18960	At1g73590	2.09E-09
At2g46830	At3g22220	2.49E-06
At1g26310	At3g58120	1.16E-08
At1g45249	At3g07650	5.34E-08
At3g58780	At3g23130	6.87E-08
At2g46830	At2g25540	2.49E-06
At5g03150	At3g01570	6.07E-09
At4g34590	At3g18660	3.06E-06
At4g38620	At3g61230	7.91E-07
At2g36010	At3g03450	3.25E-06
At5g10280	At1g28050	2.70E-08
At4g05100	At2g40080	2.70E-08
At5g35550	At5g12200	5.82E-06
At2g46830	At5g41740	1.88E-06
At3g55370	At5g04760	8.13E-06
At4g18960	At4g20160	8.60E-07
At5g15800	At3g06750	1.16E-08
At5g35550	At3g61190	3.40E-06
At5g35550	At3g28630	8.11E-06
At2g46830	At4g23450	6.57E-08
At1g26310	At1g74310	6.27E-09
At2g46830	At5g27870	2.04E-06
At5g06960	At4g38660	6.56E-06
At2g22430	At5g58400	1.47E-06
At3g55370	At1g16760	1.33E-06
At1g45249	At3g48510	2.28E-07
At2g46830	At1g12860	2.96E-07
At4g18960	At3g11410	5.00E-08
At3g50410	At2g40420	2.70E-07
At2g46830	At1g25260	1.54E-07
At5g54230	At4g33980	2.70E-08
At1g45249	At1g74360	1.82E-06
At2g46830	At5g45360	1.20E-07
At5g35550	At1g73800	5.86E-08
At2g46830	At5g10695	6.84E-06
At3g62420	At4g16520	2.59E-08
At5g60850	At2g34620	3.35E-07
At4g18960	At1g28370	4.97E-08
At1g22640	At1g35710	5.86E-08
At4g18960	At3g06490	2.21E-06
At4g18960	At4g00238	5.07E-08
At2g18160	At2g31930	3.06E-06
At2g46830	At2g22670	4.00E-08
At5g61850	At5g06360	1.14E-09
At2g46830	At1g10680	1.61E-06
At3g55370	At1g80840	7.91E-06
At2g46830	At5g32450	4.25E-06
At2g46830	At1g69180	3.12E-08
At2g46830	At3g63130	2.76E-06
At4g18960	At3g12390	9.55E-08
At2g46830	At5g10860	7.42E-07
At2g46830	At5g62690	1.06E-06
At5g02030	At5g64860	1.39E-06
At1g22640	At2g32190	2.98E-06
At3g62420	At5g42250	6.18E-08
At4g18960	At2g45490	8.89E-07
At4g18960	At5g10510	9.27E-09
At2g46270	At2g31380	1.39E-08
At4g18960	At4g24640	5.78E-08
At2g46830	At1g26740	9.84E-06
At2g46830	At3g24740	1.02E-07
At2g46830	At5g52100	2.71E-09
At1g69120	At5g35320	6.27E-09
At3g50410	At3g62260	8.13E-06
At4g18960	At3g06420	3.84E-06
At5g35550	At5g63130	3.01E-08
At5g60470	At3g10200	6.07E-09
At2g45650	At5g26150	1.61E-08
At3g50410	At1g26670	2.70E-07
At1g49720	At3g53600	1.33E-09

Transcription factor	Target Gene	*P*-Value
At5g13790	At5g44620	8.78E-06
At1g32640	At1g66160	2.99E-07
At2g46830	At1g80440	1.07E-07
At3g55370	At3g03470	4.55E-08
At2g46830	At1g70700	2.17E-06
At2g46830	At5g56640	6.75E-08
At2g46830	At4g27860	4.04E-07
At2g46830	At4g02410	2.01E-06
At1g49720	At5g57050	5.12E-09
At1g22640	At1g21250	5.86E-08
At2g46830	At1g73260	5.70E-07
At2g45650	At1g18620	1.16E-08
At4g18960	At3g62260	2.59E-06
At2g46830	At3g18600	4.14E-06
At1g24260	At2g04220	1.61E-08
At5g35550	At1g27630	5.92E-06
At3g23240	At5g17860	5.51E-06
At4g18960	At4g01010	2.35E-07
At4g18960	At5g15850	4.39E-07
At3g50410	At1g55370	3.35E-07
At1g32640	At5g10695	4.30E-06
At3g01470	At5g46770	2.51E-06
At4g18960	At1g48830	2.18E-06
At3g58780	At1g72680	2.15E-08
At2g46830	At5g35390	7.26E-07
At5g60850	At5g48400	3.03E-08
At4g18960	At5g11600	4.90E-07
At2g46830	At3g49490	1.52E-07
At2g46830	At5g52470	2.58E-06
At2g46830	At3g05060	9.16E-06
At2g46830	At3g50930	1.88E-06
At2g36011	At3g04690	3.29E-06
At4g18960	At2g16790	1.17E-07
At3g62420	At1g73620	3.95E-06
At2g46830	At5g64340	2.45E-07
At2g46830	At3g02790	1.59E-08
At2g46830	At1g29950	3.83E-06
At1g69120	At2g01650	3.46E-06
At1g07640	At5g64380	3.35E-07
At4g18960	At2g20560	6.98E-09
At2g46830	At3g53140	5.31E-06
At2g46830	At2g31210	2.30E-06
At2g03710	At3g07770	3.53E-06
At1g68840	At5g22290	4.77E-07
At3g19290	At5g57660	6.83E-08
At2g46830	At1g76600	1.05E-07
At2g14210	At1g10020	1.16E-08
At5g02030	At1g74880	1.59E-06
At1g45249	At5g16200	4.54E-07
At4g18960	At2g46830	4.39E-07
At2g46830	At1g01060	3.63E-06
At5g03150	At1g03890	6.07E-09
At1g49720	At1g01060	1.09E-08
At4g18960	At1g16705	3.42E-08
At2g46830	At1g06040	1.18E-06
At2g46830	At5g39610	5.41E-07
At4g18960	At5g64940	7.79E-06
At3g50700	At5g09640	6.07E-09
At4g13480	At1g17665	2.70E-08
At4g18960	At1g69490	6.40E-07
At2g46830	At3g46770	4.80E-08
At2g46830	At1g26480	3.82E-08
At3g58780	At1g55570	1.55E-07
At4g18960	At4g28500	3.44E-06
At5g02030	At2g43050	3.33E-06
At2g46830	At4g36180	3.32E-07
At5g60910	At3g58120	1.16E-08
At1g14580	At5g57390	6.07E-09
At3g55370	At3g17680	9.36E-06
At1g49720	At3g44260	2.87E-06
At3g50410	At4g17500	7.91E-06
At2g46830	At5g45820	4.56E-07
At2g46830	At1g72090	5.89E-06
At1g07640	At3g10930	3.14E-06
At4g18960	At4g24220	2.69E-06
At2g46830	At5g35200	3.23E-07
At4g18960	At2g23840	5.81E-06
At4g18960	At3g29575	1.20E-06
At1g22640	At1g73800	5.86E-08
At2g46830	At1g61340	3.10E-06
At2g46830	At3g17010	2.29E-07
At1g45249	At5g52400	1.33E-09
At4g18960	At4g38660	2.09E-09
At2g46830	At2g46240	4.58E-06
At2g46830	At1g51570	7.80E-08
At1g68840	At1g19940	7.31E-06
At1g22640	At2g15580	7.45E-06
At2g46830	At4g26520	5.18E-07
At1g68840	At3g61650	2.97E-06
At4g18960	At1g26740	1.54E-06
At2g46830	At4g39100	9.39E-07
At1g08810	At2g40080	2.70E-08
At2g46830	At5g07520	2.17E-07
At3g24310	At4g33980	2.70E-08
At4g18960	At3g49530	6.35E-06
At4g18960	At1g12360	3.09E-06
At2g46830	At1g74560	9.84E-06
At2g22430	At3g62260	8.05E-06
At5g22220	At3g62260	6.57E-08
At2g46830	At2g39000	3.77E-07
At1g32640	At2g40000	2.46E-07
At3g62420	At2g45170	2.59E-08
At3g62420	At5g67200	3.95E-06
At2g46830	At3g46600	3.22E-07
At4g01120	At4g03320	8.05E-09
At2g35530	At1g75100	8.66E-08
At4g18960	At3g17000	2.11E-06
At2g46830	At2g41160	2.63E-07
At5g26660	At4g16146	2.70E-08
At2g46830	At4g24640	1.76E-06
At1g07640	At5g55720	3.93E-06
At2g47190	At3g02340	6.86E-06
At4g18960	At2g22670	5.87E-06
At1g59750	At1g32900	5.73E-08
At2g47190	At4g34000	5.05E-06
At2g46830	At5g61770	2.78E-07
At2g46830	At1g65490	5.32E-06
At4g18960	At1g68640	8.72E-07
At5g22220	At1g66500	6.57E-08
At1g45249	At5g64940	1.09E-08
At1g32640	At1g22190	2.46E-07
At2g46830	At3g59080	5.89E-06
At2g46830	At1g01280	1.61E-06
At2g46830	At1g79860	2.36E-06
At3g62420	At3g18660	3.06E-06
At4g25470	At1g62070	6.74E-08
At5g16770	At5g48250	2.70E-08
At2g16720	At2g40080	2.70E-08
At4g18960	At1g10980	9.04E-06
At1g22640	At1g52190	7.45E-06
At2g46830	At1g66120	1.54E-06
At4g18960	At2g27880	1.28E-06
At1g22640	At1g49720	5.92E-06
At4g18960	At2g31930	1.90E-08
At2g46270	At1g75100	8.66E-08
At4g18960	At1g63720	2.11E-07
At1g24260	At4g01330	1.16E-08
At1g69120	At2g18740	2.66E-06
At1g69120	At5g49180	2.72E-07
At1g45249	At1g32350	1.28E-07
At4g18960	At1g22280	2.35E-07
At5g65210	At5g50790	1.87E-06
At3g20770	At1g01060	5.14E-07
At5g35550	At2g34500	8.10E-06
At5g06960	At3g56370	6.56E-06
At2g46830	At5g65100	2.19E-08
At1g32640	At1g27730	4.30E-06
At1g49720	At1g19210	2.87E-06
At4g26930	At1g17665	2.70E-08
At4g18960	At5g10860	4.44E-06
At4g01120	At3g54500	5.83E-09
At1g68840	At4g38660	2.97E-06
At4g18960	At5g59870	7.15E-08
At2g46830	At1g74880	2.57E-08
At4g18960	At3g06400	1.90E-07
At5g02030	At1g68520	1.59E-06
At2g46830	At3g28850	4.68E-06
At2g46830	At1g35310	6.89E-07
At5g13790	At1g76600	4.45E-06

Supplement 2 Yield 80 high-confidence pairs of *Arabidopsis* anther genes

Transcription factor	Target Gene	*P*-Value	Transcription factor	Target Gene	*P*-Value	Transcription factor	Target Gene	*P*-Value
At2g46830	At5g06980	4.84E-06	At5g15800	At1g16705	3.42E-08	At4g18960	At1g61110	5.29E-07
At5g65210	At4g19860	1.66E-08	At1g49720	At2g40080	5.34E-08	At4g18960	At3g54340	3.42E-08
At1g49720	At2g25730	5.34E-08	At4g18960	At1g69180	9.00E-09	At1g69120	At5g23970	4.51E-07
At4g18960	At1g02800	1.44E-06	At2g46830	At5g39660	3.30E-07	At4g18960	At3g52810	4.87E-07
At4g18960	At5g28640	8.41E-06	At4g18960	At5g45960	2.34E-06	At4g18960	At5g07180	9.04E-06
At4g18960	At3g02310	3.42E-08	At2g46270	At4g05020	8.05E-09	At4g36730	At4g25620	3.72E-08
At4g18960	At4g18960	3.42E-08	At2g46830	At2g41250	1.42E-06	At4g18960	At3g06220	8.54E-06
At1g49720	At3g07650	5.34E-08	At3g58780	At1g23420	6.87E-08	At4g18960	At1g77270	8.67E-08
At4g18960	At5g60140	5.82E-07	At4g18960	At3g03450	8.78E-06	At2g46830	At1g64500	9.53E-07
At4g18960	At3g04960	3.42E-08	At1g69120	At5g55720	4.51E-07	At4g18960	At4g00870	8.78E-06
At2g46830	At1g07180	6.29E-07	At1g24260	At1g69120	2.00E-09	At4g18960	At1g27370	8.78E-06
At1g32640	At1g70700	3.57E-07	At5g15800	At4g18960	3.42E-08	At5g15800	At5g15800	3.42E-08
At1g32640	At1g74950	3.57E-07	At4g18960	At4g14695	8.78E-06	At4g18960	At4g28680	6.88E-08
At2g46830	At1g32900	6.29E-07	At4g18960	At5g61605	4.87E-07	At1g69120	At1g69180	2.00E-09
At1g26310	At4g34400	2.00E-09	At5g15800	At3g04960	3.42E-08	At4g18960	At3g28980	1.55E-07
At4g18960	At2g27880	1.28E-06	At2g46830	At3g61890	1.25E-06	At2g46830	At3g54500	1.37E-07
At1g32640	At1g72520	3.57E-07	At1g69120	At5g45960	4.51E-07	At4g18960	At4g12960	5.82E-07
At1g69120	At1g69120	2.00E-09	At4g18960	At2g42800	1.60E-07	At4g18960	At2g45650	1.94E-08
At5g66730	At1g03890	6.07E-09	At4g18960	At3g59420	1.99E-06	At1g69120	At4g28680	4.51E-07
At5g60910	At1g69120	2.00E-09	At4g18960	At1g27360	8.78E-06	At2g46830	At1g73870	6.29E-07
At2g46830	At1g69570	3.30E-07	At4g18960	At5g50790	3.42E-08	At2g46830	At2g24540	2.45E-07
At5g65210	At1g15400	1.66E-08	At2g46830	At4g15430	3.32E-06	At4g18960	At1g23670	4.87E-07
At1g32640	At4g29780	2.84E-06	At4g18960	At4g34400	2.63E-09	At2g47190	At1g69480	5.05E-06
At2g46830	At2g21320	1.69E-06	At2g36010	At5g07810	4.35E-06	At5g15800	At3g28500	3.42E-08
At1g26310	At1g26310	2.00E-09	At2g45650	At1g69180	2.00E-09	At4g18960	At1g26540	8.41E-06
At2g46830	At5g17300	1.37E-07	At4g18960	At4g21590	1.28E-06	At3g19290	At1g22930	3.73E-08
At4g18960	At1g06990	4.87E-07	At2g46830	At5g03555	1.37E-07			

Supplement 3 Protein functional analysis of 80 gene pairs

AGI Name	Classification Codes	Ifa TF	TF Family Information	Detail Annotation of a Protein
<1>At1g24260(TF)	27.3.24		MADS	MADS-box protein (AGL9), strongly similar to GB:O22456, MADS-box protein, Location of EST gb:H37053 27.3.24 RNA. Regulation of transcription. MADS box transcription factor family
At1g69120	27.3.24	isTF	MADS	floral homeotic protein APETALA1 (AP1)/agamous-like MADS box protein (AGL7), identical to SP:P35631 Floral homeotic protein APETALA1 (AGL7 protein) {*Arabidopsis thaliana*} 27.3.24 RNA.regulation of transcription.MADS box transcription factor family; 33.99 development.unspecified
<2>At1g26310(TF)	27.3.24		MADS	MADS-box protein, putative, strong similarity to DNA-binding protein (*Brassica rapa* subsp. *pekinensis*) GI:6469345, SP:Q41276 Floral homeotic protein APETALA1 (MADS C) {*Sinapis alba*}; contains InterPro accession IPR002100: Transcription factor, MADS-b 27.3.24 RNA.regulation of transcription.
At4g34400	27.3.41	notTF	NA	transcriptional factor B3 family protein, contains Pfam profile PF02362: B3 DNA binding domain 27.3.41 RNA.regulation of transcription.B3 transcription factor family
At1g26310	27.3.24	isTF	MADS	MADS-box protein, putative, strong similarity to DNA-binding protein (*Brassica rapa* subsp. *pekinensis*) GI:6469345, SP:Q41276 Floral homeotic protein APETALA1 (MADS C) {*Sinapis alba*}; contains InterPro accession IPR002100: Transcription factor, MADS-b 27.3.24 RNA.regulation of transcription.MADS box transcription factor family
<3>At1g32640(TF)	29.4		BHLH	basic helix-loop-helix (bHLH) protein (RAP-1), identical to bHLH protein GB:CAA67885 GI:1465368 from (*Arabidopsis thaliana*) 29.4 protein.postranslational modification
At1g72520	17.7.1.2	notTF	NA	lipoxygenase, putative, similar to lipoxygenase gi:1495804 (*Solanum tuberosum*), gi:1654140 (*Lycopersicon esculentum*), GB:CAB56692 (*Arabidopsis thaliana*) 17.7.1.2 hormone metabolism.jasmonate.synthesis-degradation.lipoxygenase
At1g70700	35.2	notTF	NA	expressed protein 35.2 not assigned.unknown
At1g74950	35.2	notTF	NA	expressed protein 35.2 not assigned.unknown
At4g29780	35.2	notTF	NA	expressed protein 35.2 not assigned.unknown
<4>At1g49720(TF)	17.1.2		bZIP	ABA-responsive element-binding protein/abscisic acid responsive elements-binding factor (ABRE), identical to abscisic acid responsive elements-binding factor GB:AAF27179 GI:6739274 from (*Arabidopsis thaliana*); identical to cDNA abscisic acid respo 17.1.2 hormone metabolism.
At3g07650	27.3.7	isTF	C2C2-CO-like	zinc finger (B-box type) family protein, similar to zinc finger protein GB:BAA33206 (*Oryza sativa*) 27.3.7 RNA.regulation of transcription.C2C2(Zn) CO-like, Constans-like zinc finger family
At2g25730	35.2	notTF	NA	expressed protein 35.2 not assigned.unknown
At2g40080	35.2	notTF	NA	expressed protein 35.2 not assigned.unknown
<5>At1g69120(TF)	27.3.24		MADS	floral homeotic protein APETALA1 (AP1)/agamous-like MADS box protein (AGL7), identical to SP:P35631 Floral homeotic protein APETALA1 (AGL7 protein) {*Arabidopsis thaliana*} 27.3.24 RNA.regulation of transcription.MADS box transcription factor family; 33.99 development.unspecified
At5g55720	10.6.3	notTF	NA	pectate lyase family protein, similar to pectate lyase 1 GP:6606532 from (*Musa acuminata*) 10.6.3 cell wall.degradation.pectate lyases and polygalacturonases
At5g23970	16.2	notTF	NA	transferase family protein, similar to acetyl CoA: benzylalcohol acetyltransferase; BEAT (*Clarkia breweri*)(GI:3170250)(PMID:9628024), deacetylvindoline 4-O-acetyltransferase (*Catharanthus roseus*)(GI:4091808)(PMID:9681034) 16.2 secondary metabolism.phenylpropanoids
At4g28680	16.4.1	notTF	NA	tyrosine decarboxylase, putative, similar to SP:P54768 Tyrosine/DOPA decarboxylase 1 (Includes: DOPA decarboxylase (EC 4.1.1.28) (DDC); Tyrosine decarboxylase (EC 4.1.1.25)) {*Papaver somniferum*}, SP:Q06086 Tyrosine decarboxylase 2 (EC 4.1.1.25) {Petr 16.4.1 secondary metabolism.N misc.alkaloid-like

AGI Name	Classification Codes	Ifa TF	TF Family Information	Detail Annotation of a Protein
At5g45960	26.28	notTF	NA	GDSL-motif lipase/hydrolase family protein 26.28 misc.GDSL-motif lipase
At1g69180	27.3.10	isTF	C2C2-YABBY	transcription factor CRC (CRABS CLAW), identical to transcription factor CRC (CRABS CLAW) GI:4836698 (*Arabidopsis thaliana*) 27.3.10 RNA.regulation of transcription.C2C2(Zn) YABBY family
At1g69120	27.3.24	isTF	MADS	floral homeotic protein APETALA1 (AP1)/agamous-like MADS box protein (AGL7), identical to SP:P35631 Floral homeotic protein APETALA1 (AGL7 protein) {*Arabidopsis thaliana*} 27.3.24 RNA.regulation of transcription.MADS box transcription factor family; 33.99 development.unspecified
<6>At2g36010(TF)	27.3.18		E2F-DP	E2F transcription factor-3 (E2F3), identical to E2F transcription factor-3 E2F3 (*Arabidopsis thaliana*) gi:10443853:gb:AAG17610 27.3.18 RNA.regulation of transcription.E2F/DP transcription factor family
At5g07810	27.3.44	notTF	NA	SNF2 domain-containing protein/helicase domain-containing protein/HNH endonuclease domain-containing protein, similar to HepA-related protein HARP (*Homo sapiens*) GI:6693791; contains Pfam profiles PF00271: Helicase conserved C-terminal domain, PF 27.3.44 RNA.regulation of transcription.Chromatin Remodeling Factors
<7>At2g45650(TF)	27.3.24		MADS	MADS-box protein (AGL6) 27.3.24 RNA.regulation of transcription.MADS box transcription factor family
At1g69180	27.3.10	isTF	C2C2-YABBY	transcription factor CRC (CRABS CLAW), identical to transcription factor CRC (CRABS CLAW) GI:4836698 (*Arabidopsis thaliana*) 27.3.10 RNA.regulation of transcription.C2C2(Zn) YABBY family
<8>At2g46270(TF)	27.3.35		bZIP	G-box binding factor 3 (GBF3), identical to G-box binding factor 3 (GBF3) SP:P42776 from (*Arabidopsis thaliana*); contains Pfam profile: PF00170 bZIP transcription factor 27.3.35 RNA.regulation of transcription.bZIP transcription factor family
At4g05020	9.2.2	notTF	NA	NADH dehydrogenase-related, similar to alternative NADH-dehydrogenase (*Yarrowia lipolytica*) GI:3718005, 64 kDa mitochondrial NADH dehydrogenase (*Neurospora crassa*) GI:4753821; contains Pfam profile PF00070: Pyridine nucleotide-disulphide oxidoreducta 9.2.2 mitochondrial electron transport/ATP synthesis.NADH-DH.type II.external
<9>At2g46830(TF)	27.3.26		MYB-related	MYB-related transcription factor (CCA1), identical to myb-related transcription factor (CCA1) GI:4090569 from (*Arabidopsis thaliana*) 27.3.26 RNA.regulation of transcription.MYB-related transcription factor family
At1g32900	2.1.2.2	notTF	NA	starch synthase, putative, similar to starch synthase SP:Q42857 from (*Ipomoea batatas*) 2.1.2.2 major CHO metabolism.synthesis.starch.starch synthase
At1g07180	9.2.1	notTF	NA	Internal NAD(P)H dehydrogenase in mitochondria. The predicted protein sequence has high homology with other designated NAD(P)H DHs from microorganisms; the capacity for matrix NAD(P)H oxidation via the rotenone-insensitive pathway is significantly re 9.2.1 mitochondrial electron transport/ATP synthesis.NADH-DH.type II.internal matrix
At4g15430	20.2.3	notTF	NA	early-responsive to dehydration protein-related/ERD protein-related, similar to ERD4 protein (early-responsive to dehydration stress) (*Arabidopsis thaliana*) GI:15375406; contains Pfam profile PF02714: Domain of unknown function DUF221 20.2.3 stress.abiotic.drought/salt
At1g69570	27.3.8	isTF	C2C2-Dof	Dof-type zinc finger domain-containing protein, nearly identical to H-protein promoter binding factor-2b (*Arabidopsis thaliana*) GI:3386548 27.3.8 RNA.regulation of transcription.C2C2(Zn) DOF zinc finger family
At2g21320	27.3.7	isTF	C2C2-CO-like	zinc finger (B-box type) family protein 27.3.7 RNA.regulation of transcription.C2C2(Zn) CO-like, Constans-like zinc finger family
At5g17300	27.3.26	notTF	NA	myb family transcription factor, similar to CCA1 (*Arabidopsis thaliana*) GI:4090569; contains Pfam profile PF00249: Myb-like DNA-binding domain 27.3.26 RNA.regulation of transcription.MYB-related transcription factor family

AGI Name	Classification Codes	Ifa TF	TF Family Information	Detail Annotation of a Protein
At5g39660	27.3.8	isTF	C2C2-Dof	Dof-type zinc finger domain-containing protein, identical to H-protein promoter binding factor-2a GI:3386546 from (*Arabidopsis thaliana*). Interacts with LKP2 and FKF1, but its overexpression does not change flowering time under short or long day cond 27.3.8 RNA.regulation of transcription.C2C2(Zn) DOF zinc finger family
At3g61890	27.3.22	isTF	Homeobox	homeobox-leucine zipper protein 12 (HB-12)/HD-ZIP transcription factor 12, identical to homeobox-leucine zipper protein ATHB-12 (GI:6899887) (*Arabidopsis thaliana*) 27.3.22 RNA.regulation of transcription.HB,Homeobox transcription factor family
At1g73870	27.3.7	isTF	C2C2-CO-like	zinc finger (B-box type) family protein 27.3.7 RNA.regulation of transcription.C2C2(Zn) CO-like, Constans-like zinc finger family
At2g24540	29.5.11.4.3.2	notTF	NA	kelch repeat-containing F-box family protein, similar to SKP1 interacting partner 4 (*Arabidopsis thaliana*) GI:10716953; contains Pfam profiles PF01344: Kelch motif, PF00646: F-box domain 29.5.11.4.3.2 protein.degradation.ubiquitin.E3.SCF.FBOX
At5g03555	34.10	notTF	NA	permease, cytosine/purines, uracil, thiamine, allantoin family protein, contains Pfam PF02133: permease, cytosine/purines, uracil, thiamine, allantoin family 34.10 transport.nucleotides
At1g64500	34.13	notTF	NA	glutaredoxin family protein 34.13 transport.peptides and oligopeptides
At2g41250	35.1	notTF	NA	haloacid dehalogenase-like hydrolase family protein, low similarity to SP:Q94915 Rhythmically expressed gene 2 protein (DREG-2) {Drosophila melanogaster}; contains InterPro accession IPR005834: Haloacid dehalogenase-like hydrolase 35.1 not assigned. notTF ontology
At3g54500	35.2	notTF	NA	expressed protein 35.2 not assigned.unknown
At5g06980	35.2	notTF	NA	expressed protein 35.2 not assigned.unknown
<10>At2g47190(TF)	27.3.25		MYB	myb family transcription factor (MYB2), contains Pfam profile: PF00249 myb-like DNA-binding domain 27.3.25 RNA.regulation of transcription.MYB domain transcription factor family
At1g69480	34.7	notTF	NA	EXS family protein/ERD1/XPR1/SYG1 family protein, similar to PHO1 protein (*Arabidopsis thaliana*) GI:20069032; contains Pfam profiles PF03105: SPX domain, PF03124: EXS family 34.7 transport.phosphate
<11>At3g19290(TF)	17.1.2		bZIP	ABA-responsive element-binding protein 2 (AREB2), almost identical (one amino acid) to GB:AAF27182 from (*Arabidopsis thaliana*); contains Pfam profile PF00170:bZIP transcription factor; identical to cDNA abscisic acid responsive elements-binding facto 17.1.2 hormone metabolism.
At1g22930	35.1	notTF	NA	T-complex protein 11, contains Pfam PF05794: T-complex protein 11 35.1 not assigned. notTF ontology
<12>At3g58780(TF)	27.3.24		MADS	agamous-like MADS box protein AGL1/shatterproof 1 (AGL1) (SHP1), identical to SP:P29381 Agamous-like MADS box protein AGL1 (Protein Shatterproof 1) {*Arabidopsis thaliana*} 27.3.24 RNA.regulation of transcription.MADS box transcription factor family; 33.99 development.unspecified
At1g23420	27.3.10	isTF	C2C2-YABBY	inner notTF outer protein (INO), identical to INNER notTF OUTER (INO) (*Arabidopsis thaliana*) GI:6684816 27.3.10 RNA.regulation of transcription.C2C2(Zn) YABBY family
<13>At4g18960(TF)	27.3.24		MADS	floral homeotic protein AGAMOUS (AG), contains an ACG start codon (Riechmann, Ito, and Meyerowitz, Mol Cell Biol, 1999); supported by cDNA gi:16155:emb:X53579 27.3.24 RNA.regulation of transcription.MADS box transcription factor family; 33.99 development.unspecified
At1g02800	10.6.1	notTF	NA	endo-1,4-beta-glucanase/cellulase (CEL2), identical to endo-1,4-beta glucanase; ATCEL2 GI:3132891 from (*Arabidopsis thaliana*) 10.6.1 cell wall.degradation.cellulases and beta -1,4-glucanases; 26.3 misc.gluco-, galacto- and mannosidases

AGI Name	Classification Codes	Ifa TF	TF Family Information	Detail Annotation of a Protein
At4g28680	16.4.1	notTF	NA	tyrosine decarboxylase, putative, similar to SP:P54768 Tyrosine/DOPA decarboxylase 1 (Includes: DOPA decarboxylase (EC 4.1.1.28) (DDC); Tyrosine decarboxylase (EC 4.1.1.25)) {*Papaver somniferum*}, SP:Q06086 Tyrosine decarboxylase 2 (EC 4.1.1.25) {Petr 16.4.1 secondary metabolism.N misc.alkaloid-like
At1g06990	26.28	notTF	NA	GDSL-motif lipase/hydrolase family protein, similar to family II lipases EXL3 GI:15054386, EXL1 GI:15054382, EXL2 GI:15054384 from (*Arabidopsis thaliana*); contains Pfam profile PF00657: GDSL-like Lipase/Acylhydrolase 26.28 misc.GDSL-motif lipase
At5g45960	26.28	notTF	NA	GDSL-motif lipase/hydrolase family protein 26.28 misc.GDSL-motif lipase
At3g52810	26.13	notTF	NA	purple acid phosphatase (PAP21), identical to purple acid phosphatase GI:20257492 from (*Arabidopsis thaliana*); contains Pfam profile PF00149: Ser/Thr protein phosphatase 26.13 misc.acid and other phosphatases
At3g02310	27.3.24	isTF	MADS	developmental protein SEPALLATA2/floral homeotic protein (AGL4) (SEP2), identical to developmental protein SEPALLATA2/floral homeotic protein AGL4 GB:P29384 (*Arabidopsis thaliana*), Pfam HMM hit: SRF-type transcription factors (DNA-binding and dim 27.3.24 RNA.regulation of transcription.MADS box transcription factor family
At4g18960	27.3.24	isTF	MADS	floral homeotic protein AGAMOUS (AG), contains an ACG start codon (Riechmann, Ito, and Meyerowitz, Mol Cell Biol, 1999); supported by cDNA gi:16155:emb:X53579 27.3.24 RNA.regulation of transcription.MADS box transcription factor family; 33.99 development.unspecified
At5g60140	27.3.41	notTF	NA	transcriptional factor B3 family protein, contains Pfam profile PF02362: B3 DNA binding domain 27.3.41 RNA.regulation of transcription.B3 transcription factor family
At2g27880	27.3.36	notTF	NA	argonaute protein, putative/AGO, putative, similar to SP:O04379 Argonaute protein (AGO1) {*Arabidopsis thaliana*}; contains Pfam profiles PF02170: PAZ domain, PF02171: Piwi domain 27.3.36 RNA.regulation of transcription.Argonaute; 33.99 development.unspecified
At1g69180	27.3.10	isTF	C2C2-YABBY	transcription factor CRC (CRABS CLAW), identical to transcription factor CRC (CRABS CLAW) GI:4836698 (*Arabidopsis thaliana*) 27.3.10 RNA.regulation of transcription.C2C2(Zn) YABBY family
At1g27360	27.3.28	isTF	SBP	squamosa promoter-binding protein-like 11 (SPL11), identical to squamosa promoter binding protein-like 11 (*Arabidopsis thaliana*) GI:5931665; contains Pfam profile PF03110: SBP domain 27.3.28 RNA.regulation of transcription.SBP,Squamosa promoter binding protein family; 33.99 development.unspecified
At3g06220	27.3.41	isTF	REM	transcriptional factor B3 family protein, contains Pfam profile PF02362: B3 DNA binding domain 27.3.41 RNA.regulation of transcription.B3 transcription factor family
At4g00870	27.3.6	isTF	BHLH	basic helix-loop-helix (bHLH) family protein, similar to the myc family of helix-loop-helix transcription factors; contains Pfam profile PF00010: Helix-loop-helix DNA-binding domain; PMID: 12679534 27.3.6 RNA.regulation of transcription.bHLH,Basic Helix-Loop-Helix family
At1g27370	27.3.28	isTF	SBP	squamosa promoter-binding protein-like 10 (SPL10), identical to squamosa promoter binding protein-like 10 (*Arabidopsis thaliana*) GI:5931669; contains Pfam profile PF03110: SBP domain 27.3.28 RNA.regulation of transcription.SBP,Squamosa promoter binding protein family; 33.99 development.unspecified
At2g45650	27.3.24	isTF	MADS	MADS-box protein (AGL6) 27.3.24 RNA.regulation of transcription.MADS box transcription factor family
At4g34400	27.3.41	notTF	NA	transcriptional factor B3 family protein, contains Pfam profile PF02362: B3 DNA binding domain 27.3.41 RNA.regulation of transcription.B3 transcription factor family
At1g61110	27.3.27	isTF	NAC	notTF apical meristem (NAM) family protein, contains Pfam PF02365: notTF apical meristem (NAM) domain; similar to NAM protein GI:1279639 from (*Petunia hybrida*) 27.3.27 RNA.regulation of transcription.NAC domain transcription factor family; 33.99 development.unspecified

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At3g54340	27.3.24	isTF	MADS	floral homeotic protein APETALA3 (AP3) 27.3.24 RNA.regulation of transcription.MADS box transcription factor family; 33.99 development.unspecified
At4g21590	28.1	notTF	NA	bifunctional nuclease, putative, similar to bifunctional nuclease (*Zinnia elegans*) gi:4099833/gb:AAD00694. Activated by AGAMOUS in a cal-1, ap1-1 background. Expressed in the floral meristem and during stamen development. 28.1 DNA.synthesis/chromatin structure
At5g07180	30.2.13	notTF	NA	similar to leucine-rich repeat protein kinase, putative (ERECTA) [*Arabidopsis thaliana*] (TAIR:At2g26330.1); similar to leucine-rich repeat family protein/protein kinase family protein [*Arabidopsis thaliana*] (TAIR:At5g62230.1); similar to receptor-l 30.2.13 signalling.receptor kinases.leucine rich repeat XIII
At3g03450	30.1	isTF	GRAS	gibberellin response modulator, putative/gibberellin-responsive modulator, putative, similar to GAI (GI:2569938), RGA1 (GB:AAC67333) and RGA2 (GI:2339980) ; 30.1 signalling.in sugar and nutrient physiology
At3g59420	30.2.26	notTF	NA	receptor protein kinase, putative (ACR4), identical to putative receptor protein kinase ACR4 (*Arabidopsis thaliana*) GI:20302590; contains protein kinase domain, Pfam:PF00069 30.2.26 signalling.receptor kinases.crinkly like
At5g50790	33.99	notTF	NA	nodulin MtN3 family protein, similar to MtN3 GI:1619602 (root nodule development) from (*Medicago truncatula*) 33.99 development.unspecified
At4g12960	35.1	notTF	NA	gamma interferon responsive lysosomal thiol reductase family protein/GILT family protein, similar to SP:P13284 Gamma-interferon inducible lysosomal thiol reductase precursor {*Homo sapiens*}; contains Pfam profile PF03227: Gamma interferon inducible 35.1 not assigned. notTF ontology
At3g04960	35.1	notTF	NA	expressed protein, low similarity to SP:P32380 NUF1 protein (Spindle poly body spacer protein SPC110) {*Saccharomyces cerevisiae*} 35.1 not assigned. notTF ontology
At2g42800	35.1	notTF	NA	leucine-rich repeat family protein, contains leucine rich-repeat domains Pfam:PF00560, INTERPRO:IPR001611; and grail 35.1 not assigned. notTF ontology
At5g28640	35.1.40	notTF	NA	SSXT protein-related/glycine-rich protein, contains weak hit to Pfam profile PF05030: SSXT protein (*N*-terminal region) 35.1.40 not assigned. notTF ontology.glycine rich proteins
At1g26540	35.1.2	notTF	NA	agenet domain-containing protein, contains Pfam PF05641: Agenet domain 35.1.2 not assigned. notTF ontology.agenet domain-containing protein
At3g28980	35.2	notTF	NA	expressed protein 35.2 not assigned.unknown
At1g77270	35.2	notTF	NA	expressed protein 35.2 not assigned.unknown
At4g14695	35.2	notTF	NA	expressed protein, contains Pfam domain, PF03650: Uncharacterized protein family (UPF0041) 35.2 not assigned.unknown
At5g61605	35.2	notTF	NA	expressed protein 35.2 not assigned.unknown
At1g23670	35.2	notTF	NA	expressed protein, contains Pfam profile PF02713: Domain of unknown function DUF220 35.2 not assigned.unknown
<14>At4g36730(TF)	27.3.35		bZIP	G-box binding factor 1 (GBF1), identical to G-box binding factor 1 SP:P42774 from (*Arabidopsis thaliana*); contains Pfam profile: PF00170 bZIP transcription factor 27.3.35 RNA.regulation of transcription.bZIP transcription factor family
At4g25620	35.1.41	notTF	NA	hydroxyproline-rich glycoprotein family protein, contains proline-rich extensin domains, INTERPRO:IPR002965; Common family member At5g52430 (*Arabidopsis thaliana*); 35.1.41 not assigned. notTF ontology.hydroxyproline rich proteins
<15>At5g15800(TF)	27.3.24		MADS	developmental protein SEPALLATA1/floral homeotic protein (AGL2) (SEP1), identical to developmental protein SEPALLATA1/floral homeotic protein (AGL2/SEP1) SP:P29382 from (*Arabidopsis thaliana*) 27.3.24 RNA.regulation of transcription.MADS box transcription factor family;

AGI Name	Classification Codes	Ifa TF	TF Family Information	Detail Annotation of a Protein
At4g18960	27.3.24	isTF	MADS	floral homeotic protein AGAMOUS (AG), contains an ACG start codon (Riechmann, Ito, and Meyerowitz, Mol Cell Biol, 1999); supported by cDNA gi:16155:emb:X53579 27.3.24 RNA.regulation of transcription.MADS box transcription factor family; 33.99 development.unspecified
At5g15800	27.3.24	isTF	MADS	developmental protein SEPALLATA1/floral homeotic protein (AGL2) (SEP1), identical to developmental protein SEPALLATA1/floral homeotic protein (AGL2/SEP1) SP:P29382 from (Arabidopsis thaliana) 27.3.24 RNA.regulation of transcription.MADS box transcription factor family; 33.99 development.unspecified
At3g28500	29.2.2	notTF	NA	60S acidic ribosomal protein P2 (RPP2C), similar to acidic ribosomal protein P2b (rpp2b) GB:U62753 GI:2431770 from (*Zea mays*) 29.2.2 protein.synthesis.misc ribososomal protein
At3g04960	35.1	notTF	NA	expressed protein, low similarity to SP:P32380 NUF1 protein (Spindle poly body spacer protein SPC110) {*Saccharomyces cerevisiae*} 35.1 not assigned. notTF ontology
At1g16705	35.1	notTF	NA	p300/CBP acetyltransferase-related protein-related, similar to p300/CBP acetyltransferase-related protein 2 (*Arabidopsis thaliana*) GI:12597461 35.1 not assigned. notTF ontology
<16>At5g60910(TF)	27.3.24		MADS	agamous-like MADS box protein AGL8/FRUITFULL (AGL8), NAP1-1, Nicotiana tabacum, EMBL:AF009126; identical to SP:Q38876 Agamous-like MADS box protein AGL8 (Floral homeotic protein AGL8) (FRUITFULL){Arabidopsis thaliana} PMID:9502732, PMID:10648231; i 27.3.24 RNA.regulation of transcription.
At1g69120	27.3.24	isTF	MADS	floral homeotic protein APETALA1 (AP1)/agamous-like MADS box protein (AGL7), identical to SP:P35631 Floral homeotic protein APETALA1 (AGL7 protein) {*Arabidopsis thaliana*} 27.3.24 RNA.regulation of transcription.MADS box transcription factor family;
<17>At5g65210(TF)	27.3.35		bZIP	bZIP family transcription factor (TGA1), identical to transcription factor (TGA1) GI:16550 from (*Arabidopsis thaliana*) 27.3.35 RNA.regulation of transcription.bZIP transcription factor family
At4g19860	11.8	notTF	NA	lecithin:cholesterol acyltransferase family protein/LACT family protein, similar to lysosomal phospholipase A2 (*Mus musculus*) GI:18699602; contains Pfam profile PF02450: Lecithin:cholesterol acyltransferase (phosphatidylcholine-sterol acyltransfera 11.8 lipid metabolism.exotics (steroids, squalene etc)
At1g15400	35.2	notTF	NA	expressed protein, ESTs gb:H37295 and gb:R64895 come from this gene 35.2 not assigned.unknown
<18>At5g66730(TF)	27.3.11	C2H2	zinc	finger (C2H2 type) family protein, contains Pfam domain, PF00096: Zinc finger, C2H2 type 27.3.11 RNA.regulation of transcription.C2H2 zinc finger family
At1g03890	33.1	notTF	NA	cupin family protein, similar to Arabidopsis thaliana 12S seed storage proteins SP:P15455 (gi:808937) and SP:P15456, Brassica napus cruciferin storage protein, gi:762919, and others; contains Pfam profile PF00190 Cupin; Location of ESTs YAY049-3' end 33.1 development.storage proteins

We apply a functional analysis for the products of 80 gene pairs by using the MAPMAN tool and the results are showed above. In this file, we separate the 80 gene pairs into 18 blocks by the '–'. In each block, the first line represent a transcription factor, the reset of lines represent the genes that are regulated by this transcription factor; the column 1 is the AGI name of a gene; the column 2 is the classification codes of MAPMAN; the column 3 represents whether this gene is a transcription factor-coding gene. If it is, the column 3 shows isTF; otherwise, it shows notTF; the column 4 is the family information of a transcription factor. If the gene is not a transcription factor-coding gene, column 3 shows NA; the column 5 is the detail annotation of the protein encoded by the gene.