

	ProbelD	IgFC F <sup>Arg</sup> :G <sup>Arg</sup>	pValue F <sup>Arg</sup> :G <sup>Arg</sup>	IgFC F <sup>WT</sup> :G <sup>WT</sup>	pValue F <sup>WT</sup> :G <sup>WT</sup>	IgFC G <sup>Arg</sup> :G <sup>WT</sup>	pValue G <sup>Arg</sup> :G <sup>WT</sup>	IgFC F <sup>Arg</sup> :F <sup>WT</sup>	pValue F <sup>Arg</sup> :F <sup>WT</sup>	TranscriptID	Alias	Full name
1	248008_at	2.3	0.0054	1.9	0.0085	0.4	0.5573	0.8	0.2718	At5g56270	WRKY2	WRKY DNA-binding protein 2
2	256609_at	1.9	0.0076	2.1	0.0012	0.9	0.1453	0.6	0.2886	At3g30843		transposable element gene
3	258679_at	1.1	0.0047	1.1	0.0016	-0.3	0.3670	-0.3	0.3211	At3g08590	iPGAM2	Phosphoglycerate mutase, 2,3-bisphosphoglycerate-independent
1	261241_at	3.3	0.0000	1.1	0.0588	-2.3	0.0012	-0.1	0.8766	At1g32950		Subtilase family protein
2	251144_at	3.2	0.0015	-0.3	0.6833	-2.6	0.0052	0.9	0.2648	At5g01210		HXXXD-type acyl-transferase family protein
3	246675_at	2.8	0.0088	-0.3	0.7144	-2.7	0.0091	0.5	0.6076	At5g31411		putative protein
4	257440_at	2.8	0.0042	-0.1	0.8532	-2.8	0.0027	0.1	0.8734	At2g24880		Plant self-incompatibility protein S1 family
5	259014_at	2.8	0.0015	-0.9	0.2169	-2.2	0.0065	1.5	0.0548	At3g07320		O-Glycosyl hydrolases family 17 protein
6	247340_at	2.8	0.0030	-0.7	0.3716	-3.6	0.0002	-0.2	0.8092	At5g63700		zinc ion binding/DNA binding
7	262993_at	2.8	0.0100	-1.6	0.0800	-3.1	0.0031	1.3	0.1834	At1g54230		Winged helix-turn-helix transcription repressor DNA-binding
8	263046_at	2.7	0.0003	-0.6	0.3077	-2.5	0.0004	0.8	0.1802	At2g05380	GRP35	glycine-rich protein 3 short isoform
9	262223_at	2.4	0.0006	0.1	0.7801	-1.9	0.0025	0.3	0.5768	At1g74680		Exostosin family protein
10	264081_at	2.3	0.0017	-0.5	0.3820	-2.3	0.0009	0.5	0.4490	At2g28530		putative RING zinc finger transcription negative regulator
11	264665_at	2.2	0.0023	0.3	0.6291	-1.7	0.0092	0.2	0.7444	At1g09670		unknown protein
12	245405_at	2.2	0.0034	-0.1	0.8209	-2.1	0.0025	0.2	0.7937	At4g17150		alpha/beta-Hydrolases superfamily protein
13	265248_at	2.0	0.0042	-0.2	0.6689	-1.8	0.0061	0.4	0.4602	At2g43010	SRL2	phytochrome interacting factor 4
14	250306_at	1.9	0.0011	-0.4	0.4101	-1.4	0.0086	0.9	0.0722	At5g12160		putative protein
15	267027_at	1.7	0.0096	-1.2	0.0316	-1.9	0.0028	1.0	0.0877	At2g38330		MATE efflux family protein
16	260304_at	1.7	0.0005	0.3	0.3524	-1.6	0.0005	-0.3	0.4667	At1g70480		Domain of unknown function (DUF220)
17	246973_at	1.6	0.0038	-0.4	0.4427	-1.8	0.0012	0.2	0.6791	At5g24970		Protein kinase superfamily protein
18	263867_at	1.6	0.0076	-0.3	0.5672	-1.6	0.0051	0.3	0.5982	At2g36830	TIP1;1	gamma tonoplast intrinsic protein
19	251050_at	1.3	0.0095	-0.4	0.3519	-1.8	0.0004	-0.1	0.7705	At5g02440		putative protein
20	260540_at	1.1	0.0091	0.2	0.5407	-1.0	0.0082	-0.2	0.6370	At2g43500		Plant regulator RWP-RK family protein
21	246486_at	-1.3	0.0074	0.7	0.1005	1.6	0.0010	-0.4	0.3744	At5g15910		NAD(P)-binding Rossmann-fold superfamily protein
22	259727_at	-1.5	0.0051	1.1	0.0252	1.7	0.0015	-0.9	0.0695	At1g60950	FED A	2Fe-2S ferredoxin-like superfamily protein
23	252097_at	-2.4	0.0048	1.4	0.0548	2.1	0.0084	-1.7	0.0295	At3g51090		Protein of unknown function (DUF1640)
24	260911_at	-2.6	0.0041	1.1	0.1395	2.2	0.0094	-1.5	0.0606	At1g02490		hypothetical protein
25	251401_at	-3.2	0.0038	1.8	0.0562	2.8	0.0068	-2.2	0.0292	At3g60270		Cupredoxin superfamily protein
26	263830_at	3.3	0.0092	1.1	0.3116	-2.0	0.0755	0.2	0.8508	At2g40260		Homeodomain-like superfamily protein
27	262812_at	3.3	0.0030	0.6	0.4765	-1.5	0.1198	1.2	0.2212	At1g11690		hypothetical protein
28	246677_at	2.9	0.0049	0.7	0.3846	-0.6	0.5053	1.6	0.0835	At5g32202		putative protein
29	265038_at	2.9	0.0040	0.4	0.6564	-1.6	0.0758	1.0	0.2686	At1g03920		Protein kinase family protein
30	262680_at	2.8	0.0066	-1.1	0.2089	-2.2	0.0229	1.7	0.0642	At1g75880		SGNH hydrolase-type esterase superfamily protein
31	260290_at	2.8	0.0023	0.1	0.8998	-1.9	0.0212	0.8	0.3009	At1g80510		Transmembrane amino acid transporter family protein
32	255362_at	2.8	0.0035	1.0	0.2075	-1.3	0.1350	0.6	0.4893	At4g04000		transposable element gene
33	262711_at	2.8	0.0008	0.8	0.2195	-1.6	0.0255	0.4	0.5818	At1g16500		hypothetical protein
34	252105_at	2.8	0.0088	-0.4	0.6181	-2.4	0.0153	0.8	0.3874	At3g51470		Protein phosphatase 2C family protein
35	261715_at	2.6	0.0056	0.9	0.2610	-1.1	0.1665	0.6	0.4604	At1g18485		Pentatricopeptide repeat (PPR) superfamily protein
36	265519_at	2.5	0.0038	0.9	0.2241	-1.0	0.1757	0.6	0.3933	At2g06030		hypothetical protein
37	266766_at	2.5	0.0093	0.7	0.3836	-2.0	0.0226	-0.2	0.7865	At2g46880	PAP14	purple acid phosphatase 14
38	263165_at	2.4	0.0083	-0.6	0.4107	-1.8	0.0356	1.3	0.1196	At1g03060	SPI	Beige/BEACH domain ;WD domain, G-beta repeat protein
39	247617_at	2.4	0.0022	0.7	0.2522	-1.6	0.0267	0.1	0.8342	At5g60270		Concanavalin A-like lectin protein kinase family protein
40	251261_at	2.4	0.0044	1.4	0.0422	-1.9	0.0151	-0.9	0.2023	At3g62110		Pectin lyase-like superfamily protein
41	259789_at	2.4	0.0015	1.4	0.0263	0.0	0.9908	1.0	0.1176	At1g29395	OR414-TM	COLD REGULATED 314 INNER MEMBRANE 1
42	254780_s_at	2.4	0.0070	0.9	0.2350	-1.9	0.0183	-0.4	0.5867	At4g12770		Chaperone DnaJ-domain superfamily protein
43	253054_at	2.3	0.0071	-0.4	0.5908	-2.1	0.0111	0.6	0.3917	At4g37580	UNS2	Acyl-CoA N-acyltransferases (NAT) superfamily protein
44	250147_at	2.1	0.0056	0.3	0.6535	-1.5	0.0284	0.3	0.6365	At5g14600		S-adenosyl-L-methionine-dependent methyltransferases
45	266217_at	2.0	0.0017	0.0	0.9541	-1.4	0.0147	0.6	0.2904	At2g28820		unknown protein
46	264524_at	1.4	0.0035	0.1	0.7655	-0.2	0.6145	1.1	0.0141	At1g10070	BCAT-2	branched-chain amino acid transaminase 2
47	261551_at	1.4	0.0005	0.1	0.6532	-0.3	0.3297	0.9	0.0081	At1g63440	HMA5	heavy metal atpase 5
48	252825_at	1.4	0.0085	0.0	0.9548	-1.0	0.0437	0.4	0.3948	At4g39890	RABH1c	RAB GTPase homolog H1C
49	256548_at	1.4	0.0005	0.5	0.1262	0.0	0.8901	0.9	0.0067	At3g14770	SWEET2	Nodulin MtN3 family protein
50	249916_at	1.3	0.0075	0.6	0.1609	-0.5	0.2095	0.2	0.6447	At5g22880	HTB2	histone B2
51	267053_s_at	1.3	0.0019	0.1	0.8124	-0.7	0.0565	0.5	0.1449	At2g38390		Peroxidase superfamily protein
52	246076_at	1.2	0.0075	-0.1	0.7053	-0.7	0.1037	0.7	0.0881	At5g20280	SPSA1	sucrose phosphate synthase 1F
53	259081_at	1.2	0.0063	0.2	0.6587	-0.7	0.0801	0.4	0.3521	At3g05030	NHX2	sodium hydrogen exchanger 2
54	259292_at	1.2	0.0018	-0.2	0.4826	-0.9	0.0070	0.5	0.1597	At3g11560		LETM1-like protein
55	263296_at	1.2	0.0001	0.1	0.5833	-0.3	0.2083	0.8	0.0033	At2g38800		Plant calmodulin-binding protein-related
56	264279_s_at	1.2	0.0018	0.8	0.0085	0.5	0.1405	0.8	0.0175	At1g78820		D-mannose binding lectin protein;
57	249134_at	1.1	0.0077	0.8	0.0228	-0.4	0.3427	-0.1	0.8653	At5g43150		unknown protein
58	251905_at	1.1	0.0058	-0.1	0.7043	-0.8	0.0302	0.4	0.2131	At3g53710	AGD6	ARF-GAP domain 6
59	251438_s_at	1.1	0.0090	0.6	0.1032	0.1	0.7048	0.7	0.0831	At3g59930		putative protein
60	249504_at	1.1	0.0003	0.3	0.1457	-0.2	0.4906	0.6	0.0209	At5g38850		Disease resistance protein (TIR-NBS-LRR class)
61	259910_at	1.1	0.0059	0.0	0.8908	-0.7	0.0399	0.4	0.2499	At1g72700		ATPase E1-E2 type family protein
62	253322_at	1.1	0.0036	0.0	0.9544	-0.2	0.5335	0.9	0.0112	At4g33980		putative protein
63	261612_at	1.1	0.0026	-0.1	0.8331	-0.7	0.0371	0.5	0.1258	At1g49710	FUT12	fucosyltransferase 12
64	262047_at	1.0	0.0040	0.1	0.6932	0.0	0.8956	1.0	0.0047	At1g80160	GLY17	Lactoylglutathione lyase / glyoxalase I family protein
65	257621_at	1.0	0.0035	0.3	0.3252	0.1	0.6873	0.9	0.0079	At3g20410	CPK9	calmodulin-domain protein kinase 9
66	256526_at	-1.0	0.0079	0.0	0.9624	0.7	0.0335	-0.3	0.3913	At1g66090		Disease resistance protein (TIR-NBS class)
67	256964_at	-1.0	0.0039	-0.1	0.7551	0.4	0.2078	-0.6	0.0796	At3g13520	ATAGP12	arabinogalactan protein 12
68	264923_s_at	-1.0	0.0093	0.6	0.0895	0.9	0.0201	-0.8	0.0404	At1g60740		Thioredoxin superfamily protein
69	256252_at	-1.1	0.0071	0.0	0.9524	0.1	0.6966	-0.9	0.0105	At3g11340	UGT76B1	UDP-Glycosyltransferase superfamily protein
70	264264_at	-1.1	0.0044	-0.4	0.2199	0.0	0.9195	-0.7	0.0496	At1g09250		basic helix-loop-helix (bHLH) DNA-binding superfamily protein
71	251834_at	-1.1	0.0001	-0.1	0.5206	0.3	0.2434	-0.7	0.0041	At3g55170		Ribosomal L29 family protein
72	255064_at	-1.1	0.0007	-0.8	0.0044	0.1	0.7122	-0.2	0.4366	At4g08950	EXO	Phosphate-responsive 1 family protein
73	246274_at	-1.1	0.0015	0.0	0.8714	0.96	0.0037	-0.2	0.4651	At4g36620	HANL2	GATA transcription factor 19
74	251373_at	-1.1	0.0014	-0.6	0.0582	-0.1	0.6749	-0.7	0.0234	At3g60530	GATA4	GATA transcription factor 4
75	247189_at	-1.2	0.0042	-0.1	0.7829	0.2	0.5375	-0.9	0.0206	At5g65390	AGP7	arabinogalactan protein 7
76	258432_at	-1.2	0.0007	-0.7	0.0133	0.2	0.4285	-0.2	0.4154	At3g16570	RALF23	rapid alkalization factor 23
77	250110_at	-1.2	0.0019	-0.6	0.0455	0.2	0.5922	-0.4	0.2338	At5g15350	ENOD117	early nodulin-like protein 17
78	255230_at	-1.2	0.0008	-0.3	0.3110	0.3	0.2597	-0.6	0.0553	At4g05390	RFNR1	root FNR 1
79	257322_at	-1.3	0.0059	-0.7	0.0847	-0.1	0.8959	-0.7	0.1100	orf111b		hypothetical protein
80	250316_at	-1.3	0.0029	0.0	0.9571	0.4	0.3359	-1.0	0.0194	At5g12140	CYS1	cystatin-1
81	258920_at	-1.4	0.0061	0.1	0.8647	0.9	0.0449	-0.5	0.2235	At3g10520	NSHB2	haemoglobin 2
82	260371_at	-1.4	0.0089	-0.1	0.8349	0.6	0.1847	-0.7	0.1536	At1g69690	TCP15	TCP family transcription factor
83	261199_at	-1.5	0.0016	-0.4	0.2848	0.1	0.7820	-1.0	0.0197	At1g12950	RSH2	root hair specific 2
84	246550_at	-1.6	0.0006	-0.3	0.4301	0.4	0.3154	-0.9	0.0215	At5g14920		Gibberellin-regulated family protein
85	259645_at	-1.9	0.0048	-0.5	0.3423	0.3	0.6045	-1.1	0.0714	At1g69010	BIM2	BES1-interacting Myc-like protein 2
86	252741_at	-1.9	0.0020	-0.1	0.8940	0.6	0.2439	-1.2	0.0255	At3g43280		putative protein
87	253168_at	-2.1	0.0091	-0.1	0.9199	0.6	0.3940	-1.5	0.0509	At4g35070		SBP (S-ribonuclease binding protein) family protein
88	252801_at	-2.2	0.0052	-1.2	0.0728	1.6	0.0304	0.5	0.4307	At3g42340		transposable element gene
89	251995_at	-2.3	0.0066	-0.6	0.3762	0.4	0.5901	-1.3	0.0869	At3g52940	HYD2	Ergosterol biosynthesis ERG4/ERG24 family
90	259208_at	-2.3										

94	244947_at	-2.6	0.0050	-2.0	0.0135	-0.1	0.9339	-0.7	0.4036	orf121a		hypothetical protein
95	259581_at	-2.8	0.0066	-0.6	0.4850	1.5	0.1108	-0.8	0.3996	At1g28040		RING/U-box superfamily protein
96	255730_at	-2.9	0.0078	0.8	0.3835	1.6	0.1046	-2.1	0.0355	At1g25460		NAD(P)-binding Rossmann-fold superfamily protein
97	247725_at	-2.9	0.0002	-1.0	0.1030	0.3	0.6749	-1.7	0.0120	At5g59410		Rab5-interacting family protein
98	248233_at	-2.9	0.0025	0.0	0.9503	2.1	0.0169	-0.9	0.2856	At5g53840		F-box/RNI-like/FBD-like domains-containing protein
99	264114_at	-3.2	0.0015	-0.7	0.3768	0.4	0.6462	-2.1	0.0189	At2g31270	CDT1A	homolog of yeast CDT1 A
100	256859_at	-3.4	0.0014	-0.3	0.7593	1.3	0.1376	-1.8	0.0507	At3g22940		F-box associated ubiquitination effector family protein
101	259753_at	-3.5	0.0027	0.5	0.5907	2.4	0.0188	-1.5	0.1323	At1g71050	HIPP20	Heavy metal transport/detoxification superfamily protein
102	245354_at	-3.6	0.0007	-1.1	0.1762	1.5	0.0906	-1.0	0.2682	At4g17600	LIL3:1	Chlorophyll A-B binding family protein
1	266969_at	2.7	0.0031	-1.0	0.1649	-1.3	0.1020	2.4	0.0046	At2g39540		Gibberellin-regulated family protein
2	252265_at	2.0	0.0006	-0.5	0.2788	-0.1	0.7503	2.3	0.0001	At3g49620	DIN11	2-oxoglutarate (2OG) and Fe(II)-dependent oxygenase
3	247047_at	1.6	0.0008	0.3	0.4358	0.4	0.3011	1.7	0.0002	At5g66650		Protein of unknown function (DUF607)
4	257401_at	1.5	0.0026	-0.1	0.7663	-0.4	0.3482	1.2	0.0080	At1g23550	SRO2	similar to RCD one 2
5	265387_at	1.1	0.0012	-0.3	0.3633	-0.4	0.2237	1.0	0.0018	At2g20670		Protein of unknown function (DUF506)
6	254088_at	-1.1	0.0089	0.2	0.4892	0.3	0.4316	-1.1	0.0086	At4g24880		putative protein snurportin1 m3G-cap-specific nuclear import
7	245362_at	-1.1	0.0013	0.1	0.7136	0.2	0.5628	-1.1	0.0014	At4g17460	HAT1	Homeobox-leucine zipper protein 4 (HB-4) / HD-ZIP protein
8	262230_at	-1.2	0.0029	-0.2	0.5550	-0.4	0.2429	-1.4	0.0004	At1g68560	XYL1	alpha-xylosidase 1
9	255447_at	-1.4	0.0022	0.0	0.9294	0.0	0.9265	-1.4	0.0014	At4g02790	EMB3129	GTP-binding family protein
10	251442_at	-1.5	0.0029	0.1	0.8123	0.4	0.3648	-1.2	0.0093	At3g59980		Nucleic acid-binding, OB-fold-like protein
11	255433_at	-1.9	0.0010	-0.4	0.4233	0.1	0.7513	-1.4	0.0075	At4g03210	XTH9	xyloglucan endotransglucosylase/hydrolase 9
12	266215_at	-1.9	0.0046	0.2	0.6732	0.1	0.8171	-2.0	0.0021	At2g06850	XTH4	xyloglucan endotransglucosylase/hydrolase 4
13	250928_at	-2.1	0.0049	-0.2	0.7213	0.1	0.8873	-1.8	0.0098	At5g03280	PIR2	NRAMP metal ion transporter family protein
14	257701_at	-2.2	0.0008	0.0	0.9948	0.0	0.9506	-2.2	0.0006	At3g12710		DNA glycosylase superfamily protein
15	258996_at	-2.2	0.0046	-0.5	0.4387	-0.6	0.3450	-2.4	0.0019	At3g01800		Ribosome recycling factor
16	252397_at	-2.5	0.0007	0.3	0.6502	1.0	0.1274	-1.8	0.0062	At3g47980		Integral membrane HPP family protein
17	253177_s at	-2.6	0.0051	0.4	0.6128	0.6	0.4324	-2.3	0.0071	At4g35150		O-methyltransferase family protein
18	266035_at	-2.6	0.0000	-0.2	0.7138	0.5	0.3339	-2.0	0.0004	At2g05990	MOD1	NAD(P)-binding Rossmann-fold superfamily protein
19	266857_at	-2.9	0.0002	0.0	0.9809	0.0	0.9712	-2.9	0.0001	At2g26900	BASS2	Sodium Bile acid symporter family
20	266054_at	-2.9	0.0007	-0.7	0.3011	-1.0	0.1730	-3.1	0.0002	At2g40640		RING/U-box superfamily protein
21	262475_at	-2.9	0.0032	0.3	0.7062	0.8	0.3190	-2.3	0.0096	At1g50340		Plant invertase/pectin methylesterase inhibitor superfamily protein
22	257173_at	-2.9	0.0002	-0.4	0.4520	0.6	0.3117	-1.8	0.0062	At3g23810	SAHH2	S-adenosyl-l-homocysteine (SAH) hydrolase 2
23	264204_at	-3.3	0.0025	0.5	0.5918	0.9	0.3453	-2.9	0.0046	At1g22710	SUT1	sucrose-proton symporter 2
24	251344_at	-3.8	0.0006	1.8	0.0435	1.7	0.0703	-3.9	0.0003	At3g60920		putative protein beige-like protein (CDC4L) - Homo sapiens
25	251048_at	-4.0	0.0005	0.7	0.4367	1.8	0.0697	-3.0	0.0043	At5g02410	ALG10	DIE2/ALG10 family