

Tabelle A1: Auflistung der verwendeten Gene für *arr3,4,5,6,8,9*. Die ausgewählten Gene besitzen eine Funktion für die Immunabwehr. (Col=Wiltyp; *arr3,4,5,6,8,9*=Sextuplet A-type ARR-Mutante; N=*Hpa* NoCo2; p-Value=Wahrscheinlichkeit, dass ein identisches oder noch extremeres Ergebnis erzielt wird)

Probe Set ID	Gen	p-Value	Col (N)	<i>arr3,4,5,6,8,9</i> (N)
260904_at	At1g02450	1,40E-03	2,82E+00	2,64E+00
261692_at	At1g08450	9,65E-04	2,00E+00	2,04E+00
260966_at	At1g12220	2,15E-03	3,38E-01	4,19E-01
256183_at	At1g51660	2,56E-03	1,72E+00	1,57E+00
263174_at	At1g54040	3,49E-03	-7,36E-01	-8,17E-01
262344_at	At1g64060	8,69E-04	3,62E-01	3,86E-01
259764_at	At1g64280	1,12E-03	8,26E-01	7,89E-01
260387_at	At1g74100	3,39E-03	1,46E+00	1,02E+00
262137_at	At1g77920	2,41E-03	5,29E-01	4,38E-01
261892_at	At1g80840	1,11E-03	2,77E+00	2,56E+00
267436_at	At2g19190	3,10E-03	2,56E+00	1,98E+00
267028_at	At2g38470	1,83E-03	2,09E+00	2,14E+00
266461_at	At2g47730	1,49E-06	1,11E+00	1,02E+00
258786_at	At3g11820	2,38E-03	1,62E+00	1,44E+00
258787_at	At3g11840	7,70E-05	1,89E+00	1,90E+00
256245_at	At3g12580	9,25E-04	2,09E+00	1,61E+00
257751_at	At3g18690	3,09E-04	4,69E-01	3,07E-01
258277_at	At3g26830	1,50E-03	4,81E+00	4,04E+00
252592_at	At3g45640	9,29E-05	9,55E-01	1,17E+00
252373_at	At3g48090	5,22E-05	2,04E+00	1,85E+00
252261_at	At3g49500	4,48E-04	-2,07E-01	-2,08E-01
252053_at	At3g52400	5,59E-04	1,84E+00	1,93E+00
252060_at	At3g52430	1,18E-03	3,60E+00	2,89E+00
251847_at	At3g54640	5,23E-04	2,49E+00	2,18E+00
251762_at	At3g55800	9,88E-05	-5,89E-01	-8,62E-01
251336_at	At3g61190	7,20E-05	2,78E+00	2,67E+00
251121_at	At3g63420	1,10E-03	1,10E+00	8,01E-01

255624_at	At4g01370	2,15E-03	1,10E+00	8,44E-01
254847_at	At4g11850	2,06E-04	1,46E+00	1,21E+00
254211_at	At4g23570	2,93E-03	1,61E+00	1,42E+00
254231_at	At4g23810	1,87E-03	3,05E+00	2,91E+00
253993_at	At4g26070	2,20E-03	1,05E+00	1,10E+00
253646_at	At4g29810	3,45E-03	1,37E+00	1,33E+00
253534_at	At4g31500	2,70E-03	1,50E+00	1,44E+00
253485_at	At4g31800	4,03E-03	3,06E+00	2,51E+00
246194_at	At4g37000	2,24E-03	-7,61E-01	-9,21E-01
250738_at	At5g05730	7,48E-04	1,98E+00	1,59E+00
250655_at	At5g06960	2,93E-03	7,68E-01	5,75E-01
249052_at	At5g44420	2,01E-03	3,36E+00	4,02E+00
248332_at	At5g52640	1,75E-04	2,59E+00	2,40E+00
247949_at	At5g57220	3,50E-03	3,29E+00	2,85E+00
247816_at	At5g58260	2,27E-03	-1,04E+00	-1,34E+00
247493_at	At5g61900	2,81E-05	1,73E+00	1,60E+00

Tabelle A2: Auflistung der verwendeten Gene für CK-Applikation. Die ausgewählten Gene besitzen eine Funktion für die Immunabwehr. (Mock=Wiltyp; p-Value=Wahrscheinlichkeit, dass ein identisches oder noch extremeres Ergebnis erzielt wird)

Probe Set ID	Gen	p-Value	Mock (CK)
266451_at	AT2G43090	0,000006	2,3634707
253420_at	AT4G32260	0,000006	1,8732128
247073_at	AT5G66570	0,000011	1,358489
266461_at	AT2G47730	0,000626	1,1778151
245270_at	AT4G14960	0,000264	1,0753762
261521_at	AT1G71830	0,00268	-1,0090301
263865_at	AT2G36910	0,000146	-1,0954536
250560_at	AT5G08020	0,00005	-1,1106993
266830_at	AT2G22810	0,0845	-1,1477909
256487_at	AT1G31540	0,0405	-1,2485342
265843_at	AT2G35690	0,000016	-1,3970816
246935_at	AT5G25350	0,00142	-1,4469468

264508_at	AT1G09570	0,000016	-1,4977986
247629_at	AT5G60410	0,000017	-1,752634
263862_at	AT2G04550	0,00003	1,5404803
261899_at	AT1G80820	0,32	1,2011424
246596_at	AT5G14740	0,000113	1,0924409
265097_at	AT1G04020	0,000115	-1,1107168
252184_at	AT3G50660	0,000135	-1,1176189
248895_at	AT5G46330	0,000293	-1,1333318
251221_at	AT3G62550	0,000357	-1,4569337
263867_at	AT2G36830	0,000017	1,7972901
260615_at	AT1G53240	0,00033	1,3043212
263320_at	AT2G47180	0,164	1,1822646
261768_at	AT1G15550	0,000159	1,157526
250611_at	AT5G07200	0,231	1,1521984
267392_at	AT2G44490	0,000217	-1,0052104
247493_at	AT5G61900	0,00174	-1,2158874
256245_at	AT3G12580	0,155	-1,2254855
255830_at	AT2G33340	0,000028	-1,2948519
GAPDH_5_s_at	AT3G04120	0,000002	2,0894226
247691_at	AT5G59720	0,0261	1,7221668
251337_at	AT3G60820	0,000021	1,6927445
250292_at	AT5G13220	0,00169	1,3706545
259426_at	AT1G01470	0,000358	1,2240823
251172_at	AT3G63190	0,000105	1,2233021
252746_at	AT3G43190	0,000145	-1,0883357
258072_at	AT3G26090	0,000311	-1,1074632
266702_at	AT2G19860	0,000179	-1,1605492
250318_at	AT5G12200	0,000028	-1,2372407
247011_at	AT5G67590	0,000004	1,7420279
245949_at	AT5G19510	0,000042	1,2461382
262708_at	AT1G16190	0,000164	1,1702289
251665_at	AT3G57040	0,000147	1,1658881
247514_at	AT5G61640	0,0216	1,0485234
248302_at	AT5G53160	0,00017	-1,1457711
262614_at	AT1G13980	0,000023	-1,2357918
251920_at	AT3G53900	0,000069	-1,2399464
246194_at	AT4G37000	0,000005	2,3545212
255046_at	AT4G09650	0,00001	2,2935237

249052_at	AT5G44420	0,0742	1,7477695
255142_at	AT4G08390	0,000194	1,3788187
265149_at	AT1G51400	0,000051	1,2465944
246132_at	AT5G20850	0,000287	1,2196502
261637_at	AT1G49950	0,000031	1,1913619
245628_at	AT1G56650	0,0157	1,1531606
245397_at	AT4G14560	0,00225	1,0084828
254129_at	AT4G24650	0,0755	-1,1251107
249292_at	AT5G41150	0,000045	-1,1968004
264787_at	AT2G17840	0,000181	-1,5598832
266817_at	AT2G44950	0,0324	-2,0400822
260205_at	AT1G70700	0,000359	1,7982458
264960_at	AT1G76930	0,0194	1,7950966
254890_at	AT4G11600	0,000059	1,6986051
253521_at	AT4G31300	0,000023	1,224556
247330_at	AT5G63510	0,000692	1,1294489
245060_at	AT2G39770	0,00009	1,0260182
252045_at	AT3G52450	0,139	-1,0119701
250463_at	AT5G10030	0,000729	-1,0222547
264211_at	AT1G22770	0,00308	-1,0449104
261920_at	AT1G65930	0,000031	-1,2293892
262447_at	AT1G49250	0,137	-1,3326635
258957_at	AT3G01420	0,212	-1,3913639
247726_at	AT5G59430	0,000303	-1,6645743
266383_at	AT2G14580	0,000502	1,624453
260571_at	AT2G43790	0,000147	1,3993709
256017_at	AT1G19180	0,0671	1,3371191
265445_at	AT2G37190	0,000023	1,2927284
258677_at	AT3G08730	0,000113	1,180307
260956_at	AT1G06040	0,000033	1,1459467
248371_at	AT5G51810	0,243	1,1080321
251121_at	AT3G63420	0,000895	-1,1995182
264510_at	AT1G09530	0,0377	-1,2455363
257822_at	AT3G25230	0,000789	-1,3258629
254232_at	AT4G23600	0,000783	1,6663665
263432_at	AT2G22230	0,000007	1,5407833
263599_at	AT2G01830	0,000354	1,2435707
253534_at	AT4G31500	0,00005	1,1943436

265415_at	AT2G20890	0,000049	1,1139974
247703_at	AT5G59560	0,000311	1,0294238
253922_at	AT4G26850	0,000813	-1,0111174
256618_at	AT3G24440	0,000143	-1,1380169
262091_at	AT1G56160	0,164	-1,3910149
249792_at	AT5G23720	0,000017	-1,532222
255634_at	AT4G00650	0,0929	1,6511816
254705_at	AT4G17870	0,000384	1,6333395
261193_at	AT1G32920	0,004	1,6314945
258046_at	AT3G21220	0,000538	1,5194255
249208_at	AT5G42650	0,000077	1,4162521
254065_at	AT4G25420	0,135	1,3099376
245348_at	AT4G17770	0,000184	-1,0330064
263714_at	AT2G20610	0,000045	-1,0852976
253994_at	AT4G26080	0,000745	-1,1750209
252468_at	AT3G46970	0,000159	-1,3184565
256226_at	AT1G56280	0,000025	2,1786524
255442_at	AT4G02580	0,000018	2,0313326
261037_at	AT1G17420	0,00722	1,6711332
245324_at	AT4G17260	0,000012	1,558118
250207_at	AT5G13930	0,000334	1,3546867
267188_at	AT2G44050	0,000025	1,2442146
251962_at	AT3G53420	0,000154	1,2162777
251158_at	AT3G63150	0,000144	-1,0430017
258243_at	AT3G27740	0,00007	-1,078462
246117_at	AT5G20320	0,00181	-1,0833585
258311_at	AT3G26810	0,00004	-1,1075616
254231_at	AT4G23810	0,00157	-1,2472694
245685_at	AT5G22220	0,000445	-1,3144584
259393_at	AT1G06410	0,000227	-1,3853976
260300_at	AT1G80340	0,142	-1,3894322
263378_at	AT2G40180	0,215	-1,6478562
262535_at	AT1G17000	0,00305	-3,0105146
265560_at	AT2G05520	0,000017	1,640075
251143_at	AT5G01220	0,00269	1,3609099
251336_at	AT3G61190	0,0702	-1,1677564
253952_at	AT4G26840	0,000021	-1,2508888
262137_at	AT1G77920	0,000168	-1,3580248

247013_at	AT5G67480	0,000539	-1,6918501
248332_at	AT5G52640	0,0117	-1,7781477
245928_s_at	AT5G24780	0,000168	3,2932717
245764_s_at	AT1G27840	0,000698	1,3277713

Modellierung und Simulation von Protein-Interaktionen
am Beispiel von Wirts-Pathogen-Interaktionen

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