

Table S1 Phenotypes measured in the DGRP lines

line	P1*	progeny*	remate
RAL208	0.56	236.36	0.73
RAL301	0.53	208.25	0.70
RAL303	0.62	179.50	0.63
RAL304	0.61	197.86	0.81
RAL306	0.48	68.00	0.17
RAL307	0.77	96.60	0.35
RAL313	NA	NA	0.00
RAL315	0.40	60.33	0.12
RAL324	0.59	202.71	0.83
RAL335	0.64	227.50	0.55
RAL357	0.32	117.87	0.64
RAL358	0.38	182.00	0.17
RAL360	0.50	66.75	0.64
RAL362	0.43	187.64	0.69
RAL365	0.51	213.32	0.83
RAL375	0.72	167.59	0.62
RAL379	0.65	90.29	0.68
RAL380	0.38	144.00	0.69
RAL391	0.57	183.55	0.72
RAL399	0.65	159.13	0.27
RAL427	0.60	177.14	0.76
RAL437	0.53	67.42	0.44
RAL486	0.65	37.58	0.41
RAL514	0.54	180.33	0.21
RAL517	0.71	118.36	0.47
RAL555	0.52	75.13	0.62
RAL639	0.55	54.33	0.41
RAL705	0.46	55.13	0.27
RAL707	0.45	64.20	0.21
RAL712	0.54	77.60	0.19
RAL714	0.56	200.36	1.00
RAL730	0.16	62.00	0.11
RAL732	0.70	139.00	0.66
RAL765	0.59	153.00	0.23
RAL774	0.53	138.45	0.76
RAL786	0.41	153.43	0.32
RAL799	0.54	101.00	0.12
RAL820	0.78	143.78	0.31
RAL852	0.60	179.44	0.34

*mean values