Table S1 Trait-specific means and two standard errors for control genotypes from each of the two populations (Klamath and Marie) for each of the three phenotypic assays.

Klamath						
SM	Mean 1	2SE1	Mean 2	2SE2	Mean 3	2SE3
G	2.23	0.06	2.42	0.06	2.25	0.05
I	2.05	0.08	2.36	0.04	2.15	0.06
K	1.83	0.06	2.32	0.06	1.95	0.06
CL1	Mean 1	2SE1	Mean 2	2SE2	Mean 3	2SE3
G	3.79	1.58	6.53	1.16	4.16	0.88
I	2.92	1.42	3.47	1.06	1.73	0.8
K	3.5	1.26	6.61	1.52	0.73	0.54
CL2	Mean 1	2SE1	Mean 2	2SE2	Mean 3	2SE3
G	7.46	3.42	19	2.44	10.23	1.72
I	6.83	1.76	8.87	2.46	4.79	1.52
K	8.76	1.88	13.67	2.12	1.33	0.98
CL3	Mean 1	2SE1	Mean 2	2SE2	Mean 3	2SE3
G	13.27	4.84	20.3	2.74	10.43	1.86
I	8.33	2.68	8.07	2.54	5.51	1.98
K	10.61	3.24	18.11	2.78	2.79	1.22
CL4	Mean 1	2SE1	Mean 2	2SE2	Mean 3	2SE3
G	15.9	4.38	24	4.48	11.17	2.72
I	8.92	3.72	11.63	3.76	7.51	2.12
K	13.46	2.5	21.72	3.58	2.48	1.58
AM	Mean 1	2SE1	Mean 2	2SE2	Mean 3	2SE3
G	6.07	0.66	6.17	0.42	6.91	0.4
I	6.76	0.6	6.06	0.3	6.65	0.46
K	6.02	0.5	6.34	0.5	6.6	0.26

Marie						
SM	Mean 1	2SE1	Mean 2	2SE2	Mean 3	2SE3
B	1.71	0.104	1.8	0.056	1.83	0.084
K	1.89	0.076	1.93	0.056	1.9	0.108
CL1	Mean 1	2SE1	Mean 2	2SE2	Mean 3	2SE3
B	3.54	1.476	0.87	0.92	1.1	1.26

K	4.93	1.48	4.7	2.12	1.39	0.96
CL2	Mean 1	2SE1	Mean 2	2SE2	Mean 3	2SE3
B	4.46	2.424	1.95	1.8	3.5	3
K	11.71	4.76	11.23	4.24	4.96	3.2
CL3	Mean 1	2SE1	Mean 2	2SE2	Mean 3	2SE3
B	6.92	3.152	1.86	1.92	4.13	2.96
K	16.93	5.24	12.7	5.36	6.46	3.8
CL4	Mean 1	2SE1	Mean 2	2SE2	Mean 3	2SE3
B	7.15	3.84	1.84	1.48	7.33	4.48
K	16.21	6.8	11.31	5.6	6.53	3.88
AM	Mean 1	2SE1	Mean 2	2SE2	Mean 3	2SE3
B	6.66	1.572	6.35	0.56	6.91	0.576
K	6.13	0.96	6.46	0.76	6.92	1.16

Table S2 Trait-specific means and one standard error for individual genotypes from each of the three experimental populations ($Klamath_{SGT}$, $Klamath_{LGT}$, and $Lake\ Marie_{SGT}$) for each of the three phenotypic assays.

			$Klamath_{SGT}$			
SM	Mean 1	SE1	Mean 2	SE2	Mean 3	SE3
B	1.69111	0.03818	2.002	0.04151	1.87945	0.05222
D	1.964	0.05138	2.25222	0.06084	2.12817	0.08709
F	1.90692	0.03181	2.26423	0.02587	2.16781	0.03986
G	2.16667	0.03306	2.39375	0.0302	2.21358	0.02937
H	2.04346	0.02675	2.26846	0.04668	2.23753	0.08957
I	1.838	0.05454	2.16115	0.04423	2.11942	0.07424
J	1.86609	0.03567	2.22	0.02806	2.0487	0.03303
K	1.8731	0.02682	2.25154	0.01834	2.14786	0.03614
M	1.90833	0.03241	2.18111	0.01957	2.01301	0.03589
CL1	Mean 1	SE1	Mean 2	SE2	Mean 3	SE3
B	2.3125	0.62464	3.4	0.61579	1.1	0.38406
D	2.71429	1.35742	5.16667	1.0918	5.11111	1.41421
F	3.30769	0.44732	5.03846	0.62865	4.25	0.67259
G	5.13333	0.7235	6.08333	0.88256	5	0.80204
H	2.09091	0.55824	3.92308	0.7679	2.77778	0.82776
I	3.25	0.88585	2.88462	0.66978	6.66667	1.10554
J	2.43478	0.70462	4.88889	0.7286	5.88889	0.60668
K	5.21429	0.677	6.19231	0.50277	4.72222	0.8965
M	1.95833	0.66667	2.96296	0.58465	3.04348	0.71371
CL2	Mean 1	SE1	Mean 2	SE2	Mean 3	SE3
B	3	1.12423	7.04	1.1878	1.25	0.44741
D			12.77778	2.0473	11.66667	2.85774
F	11.16	0.86453	10.65385	1.72118	6.66667	1.47263
G	13.93103	1.29137	17.25	1.38444	11.8	0.99594
H	9.89474	1.44338	8.26923	1.1912	6.88889	4.36102
I	7.6	1.29634	11.96154	1.69082	12.66667	2.35702
J	7.09091	1.626	11.25926	1.95059	12.11111	1.65412
K	10.18519	0.77885	13.57692	1.38183	6.83333	1.23228
M	6.45455	0.79722	14.22222	1.05902	7.30435	1.03884
CL3	Mean 1	SE1	Mean 2	SE2	Mean 3	SE3
B	4.27273	1.04062	7.16	1.71963	4.05	1.46527
D			19.22222	3.80614	14.875	3.53273
F	11.875	1.41966	10.84615	2.1916	3.41667	1.01673
G	17.2069	1.92058	20.875	1.88915	14.25	1.56072

H	10.88889	1.66188	14.03846	2.31449	4.66667	2.27303
I	6.77778	2.84392	15.76923	2.74586	12.16667	5.82142
J	8.21053	1.66607	19.92593	2.24906	14.77778	1.56125
K	11.42308	0.9857	16.80769	1.55982	6.72222	1.64227
M	10.47059	1.1589	15.92593	1.77049	8.30435	1.0526

CL4	Mean 1	SE1	Mean 2	SE2	Mean 3	SE3
B	2.90909	1.06919	11.24	1.73813	4.45	1.09525
D			20.11111	3.03243	17.375	4.39922
F	13.30435	1.58224	9.53846	2.39419	3.08333	1.08536
G	18.42857	1.85623	22.20833	2.7821	14.65	1.87697
H	11.27778	1.44161	16.30769	2.09404	10.11111	5.69763
I	9.625	3.47906	15.92308	3.68236	14	5.60753
J	12.57895	1.63849	23.03704	2.74621	17.88889	1.81621
K	12.95833	0.80592	20.03846	1.83246	12.26667	2.32578
M	12.41176	1.13025	15.96296	2.00385	11.95238	1.49317

AM	Mean 1	SE1	Mean 2	SE2	Mean 3	SE3
B	7.72305	0.68432	6.0468	0.27039	6.58142	0.38831
D	7.508	0.85732	6.52889	0.39209	7.36205	0.74563
F	5.94724	0.2059	5.95731	0.23634	6.47563	0.17033
G	6.38018	0.25681	6.23667	0.19481	6.72361	0.26628
H	6.52181	0.39364	6.62192	0.28672	7.4095	1.16907
I	6.86785	0.42673	5.97577	0.24111	6.83149	0.51572
J	6.55759	0.34808	6.68259	0.56116	6.93879	0.33322
K	6.53339	0.14558	6.12115	0.16449	6.83465	0.39046
M	6.75191	0.4088	5.89111	0.19927	6.46791	0.24094

$Klamath_{LGT}$

SM	Mean 1	SE1	Mean 2	SE2	Mean 3	SE3
D	1.98714	0.03649	2.29962	0.02321	2.14567	0.05293
F	1.96633	0.02622	2.22759	0.03078	2.04506	0.03888
G	2.05852	0.03268	2.40533	0.02522	2.14567	0.04566
H	2.01889	0.03452	2.30095	0.02857	2.14567	0.07557
J	1.84786	0.03072	2.23067	0.02247	2.14661	0.03761
M	1.84174	0.03283	2.18214	0.0244	2.05927	0.05814

CL1	Mean 1	SE1	Mean 2	SE2	Mean 3	SE3
D	2	0.78707	4.23077	0.72815	4.54545	0.84092
F	3.03333	0.49814	4.41379	0.50161	2.63158	0.53593
G	4.2963	0.71308	7.66667	1.51897	4.31579	0.64877

H	2.37037	0.43243	3.90909	0.61464	2.23077	0.61592
J	3.21429	0.84537	7.43333	0.49566	7	1.11665
M	2.90476	0.7962	4.03571	0.63036	1.66667	0.97068

CL2	Mean 1	SE1	Mean 2	SE2	Mean 3	SE3
D	6.5	1.82312	14.42308	2.04383	10.36364	2.2753
F	11.34483	1.10771	12.17241	1.23149	5.31579	1.0341
G	12.22222	1.28425	18.33333	1.58785	11.36842	1.10417
H	8.125	0.90669	6.54545	1.33452	4	1.50321
J	7.39286	1.14677	18.33333	1.16063	14	1.87248
M	7.85714	1.07067	13.71429	0.78201	8.05882	0.85643

CL3	Mean 1	SE1	Mean 2	SE2	Mean 3	SE3
D	10.22222	1.94414	19.03846	2.08811	11.27273	2.92499
F	13.2963	0.84209	10.13793	3.07336	4.68421	0.90418
G	16.22222	1.51891	21.36667	1.5178	12.33333	1.38919
H	11.58333	0.95769	9.95455	2.13591	4.38462	1.17829
J	8.96296	1.74081	20.86667	1.22189	17.35	1.98078
M	10.31579	0.61281	16.14286	1.52694	11.82353	1.26227

CL4	Mean 1	SE1	Mean 2	SE2	Mean 3	SE3
D	8.28571	5.62028	22.80769	2.63607	13.6	3.78871
F	14.66667	1.86017	13.44828	3.36754	4.55556	1.8407
G	19.14815	1.26808	22.93333	2.41668	12.66667	1.83317
H	10.80952	1.79025	14.27273	3.74578	3.84615	2.03369
J	13.51852	1.67346	28.73333	2.64738	19.85	2.21464
M	8.5	1.49642	16.92857	1.99864	12.52941	3.21636

AM	Mean 1	SE1	Mean 2	SE2	Mean 3	SE3
D	7.54688	0.61291	6.17923	0.17816	6.65861	0.39264
F	6.52135	0.29006	5.87034	0.21236	6.82576	0.52245
G	6.27675	0.2578	5.97133	0.16632	6.78611	0.45291
H	6.46136	0.31493	6.38091	0.23506	7.01283	0.64546
J	6.43364	0.30622	6.07633	0.1188	6.74281	0.23265
M	6.643	0.26849	5.99571	0.12323	6.98517	0.28321

Marie

SM	Mean 1	SE1	Mean 2	SE2	Mean 3	SE3
B	1.75833	0.03236	1.885	0.0206		
F	1.82481	0.02514	1.90091	0.05339	1.87289	0.02986
H	1.75933	0.03612	1.83353	0.03047		
I	1.82714	0.04104	1.80889	0.0358		

K	1.84704	0.02724	1.99037	0.02055	1.92828	0.0273
L	1.98522	0.02253	2.04842	0.0637		
M	1.82875	0.03742	1.8725	0.02862		

CL1	Mean 1	SE1	Mean 2	SE2	Mean 3	SE3
B	2.36842	1.00236	0.35714	0.33369		
F	5.51852	0.45134	4.14286	1.72773	2.07143	0.67234
H	2.46667	0.5529	1.11765	0.52723		
I	3.6	1.09929	0.6	0.48553		
K	4.37037	0.3849	4.7037	0.4598	3.43478	0.58994
L	5.08333	0.81022	2.89474	1.33074		
M	3.125	0.83553	0.92308	0.39099		

CL2	Mean 1	SE1	Mean 2	SE2	Mean 3	SE3
B	5.52632	0.99673	0.57143	0.22527		
F	13.22222	1.21144	6.57143	3.20123	5.92857	1.39654
H	3.6	0.89785	1.35294	0.42462		
I	7.93333	1.99712	2.2	1.2333		
K	11.96296	1.29159	12.07407	1.33824	8.54545	1.27277
L	11.625	1.47148	7.89474	1.49436		
M	6.25	0.85928	1.30769	0.81009		

CL3	Mean 1	SE1	Mean 2	SE2	Mean 3	SE3
B	5.42105	1.10972	1.42857	0.69607		
F	12.59259	1.55431	3.85714	2.01914	7.28571	1.01835
H	4.06667	0.88481	1.35294	0.45659		
I	8.86667	2.73351	3.1	1.25681		
K	11.77778	1.30037	14.25926	1.66539	8.18182	1.63249
L	10.41667	1.92982	10.15789	3.62889		
M	8.5	1.34725	1.38462	0.64659		

CL4	Mean 1	SE1	Mean 2	SE2	Mean 3	SE3
B	4.78947	1.20652	1.28571	0.62703		
F	14.62963	1.56889	5.35714	2.07485	5.35714	1.46986
H	3.6	1.12838	0.70588	0.38315		
I	7.26667	2.62354	3.5	1.88542		
K	15.44444	1.81525	17.33333	1.80662	8.5	1.85029
L	9.58333	1.82357	7.31579	2.89184		
M	7.625	2.18111	1.84615	1.27127		

AM	Mean 1	SE1	Mean 2	SE2	Mean 3	SE3
B	6.845	0.38082	6.55	0.79418		
F	6.48538	0.23584	6.47	0.38744	6.71091	0.39535

H	6.78667	0.84759	6.64765	0.52907		
I	6.78286	0.35139	6.54111	0.33587		
K	5.52148	0.91218	6.31259	0.14336	6.55009	0.11752
L	6.36682	0.20068	6.56737	0.34794		
M	6.69	0.29772	6.6325	0.56854		

Table S3 The number of generations of divergence (GOD), trait-specific genetic variances (VG) and one standard error of the genetic variance for individual genotypes from each of the three experimental populations ($Klamath_{SGT}$, $Klamath_{LGT}$, and $Lake\ Marie_{SGT}$) for each of the three phenotypic assays.

					$Klamath_{SGT}$				
SM	GOD 1	VG 1	SE1	GOD 2	VG 2	SE2	GOD 3	VG 3	SE3
B	11	0	0.00463	24	0.01072	0.00769	58	0.01061	0.00969
D	12	0.0036	0.0087	27	0.01694	0.01313	62	0.0057	0.01613
F	14	0.00032	0.00485	31	0	0.00294	68	0.004	0.00645
G	11	0.0062	0.00478	28	0	0.00337	63	0.00013	0.00358
H	13	0	0.00362	28	0.01441	0.00881	61	0	0.01147
I	13	0.00865	0.01144	28	0.00969	0.0081	60	0.00284	0.00802
J	14	0	0.00529	30	0.00319	0.00332	67	0.00543	0.0045
K	13	0.00055	0.00361	29	0	0.00124	64	0	0.00454
M	12	0.00205	0.0048	29	0.00094	0.00169	65	0	0.00517
CL1	GOD 1	VG 1	SE1	GOD 2	VG 2	SE2	GOD 3	VG 3	SE3
B	11	0.67027	1.56848	24	0	1.74764	58	0.21922	0.57401
D	12	1.05556	5.80913	27	3.63636	4.40911	62	0	3.64095
F	14	0	0.80324	31	0.88528	1.92736	68	0.20833	1.98974
G	11	0	2.6108	28	3.7996	2.97242	63	1.80837	2.37236
H	13	0.61744	1.59833	28	0	1.66246	61	0	0.92617
I	13	2.64833	3.06826	28	1.10444	1.98736	60	0	0.91961
J	14	1.58949	2.18545	30	0	2.27256	67	0.61111	1.66505
K	13	1.3608	2.15364	29	0	1.05822	64	2.2037	2.64732
M	12	0	1.65521	29	1.04321	1.47896	65	2.28013	1.96756

CL2	GOD 1	VG 1	SE1	GOD 2	VG 2	SE2	GOD 3	VG 3	SE3
B	11	4.71748	4.73966	24	0	6.23078	58	0	0.74921
D	12			27	7.09519	16.45037	62	11.66667	16.55406
F	14	0	2.81939	31	8.24783	14.18914	68	0	7.55089
G	11	0	5.92863	28	0	8.4872	63	0	3.85083
H	13	11.98125	9.60638	28	0	6.03001	61	31.44444	38.227
I	13	5.42988	5.79037	28	7.79791	12.55674	60	1.66667	8.32407
J	14	12.91625	11.12595	30	7.87037	16.97681	67	18.79012	10.99308
K	13	3.14634	2.70407	29	6.26562	8.24597	64	0	4.14217
M	12	0.47635	3.11998	29	3.87346	4.79727	65	0	3.30408

CL3	GOD 1	VG 1	SE1	GOD 2	VG 2	SE2	GOD 3	VG 3	SE3
B	11	1.90012	3.39643	24	0	11.32138	58	8.11374	7.68881
D	12			27	76.2365	51.00383	62	17.96349	25.47911
F	14	3.47412	9.29585	31	25.08792	21.57292	68	0	4.03328
G	11	17.61942	16.46678	28	1.64881	15.69624	63	4.74097	9.28993
H	13	17.00918	12.75911	28	5.00716	25.05459	61	6.88889	10.52295
I	13	26.57576	28.44506	28	50.31203	30.47006	60	0	24.04343
J	14	7.68766	12.92731	30	14.49074	22.00781	67	10.96914	10.15621
K	13	0	3.96699	29	0	8.76744	64	7.05926	8.92313
M	12	0	4.85086	29	8.41049	13.71423	65	0	3.22635

CL4	GOD 1	VG 1	SE1	GOD 2	VG 2	SE2	GOD 3	VG 3	SE3
B	11	2.55733	3.4845	24	0	14.88789	58	0	4.83578
D	12			27	0	30.05736	62	12.75079	42.08296

F	14	0	8.62149	31	23.79222	26.38406	68	5.85714	4.48788
G	11	12.65199	15.8692	28	0	19.77745	63	0	9.10526
H	13	0	12.61747	28	6.12314	20.15946	61	29.96296	67.99151
I	13	55.71154	40.07099	28	90.52304	54.79745	60	0	27.04648
J	14	0	12.83642	30	0	24.25649	67	10.0679	14.27202
K	13	0	3.4603	29	0	13.54066	64	12.04771	18.65331
M	12	2.77539	5.61912	29	5.8642	18.29196	65	0	6.52289

AM	GOD 1	VG 1	SE1	GOD 2	VG 2	SE2	GOD 3	VG 3	SE3
B	11	0	1.45661	24	0	0.34591	58	0	0.44262
D	12	0	2.24522	27	0.04247	0.65146	62	0	0.69429
F	14	0.03682	0.19879	31	0	0.22505	68	0	0.11508
G	11	0	0.25139	28	0.15741	0.14706	63	0.02329	0.29191
H	13	0.52142	0.72764	28	0	0.31844	61	2.64759	2.73388
I	13	0.67891	0.68003	28	0.04236	0.27405	60	0.23072	0.37697
J	14	0.43806	0.5344	30	0	1.34215	67	0	0.36319
K	13	0	0.10559	29	0	0.12777	64	0.59937	0.48668
M	12	0.37698	0.75546	29	0.14571	0.16886	65	0	0.2077

$Klamath_{LGT}$

SM	GOD 1	VG 1	SE1	GOD 2	VG 2	SE2	GOD 3	VG 3	SE3
D	7	0.00215	0.00637	17	0.00106	0.00243	27	0	0.00641
F	8	0.00026	0.00347	14	0.00604	0.00411	21	0	0.00464
G	7	0.00397	0.00454	13	0.00345	0.00279	20	0.00634	0.00763
H	8	0.00203	0.00587	14	0	0.00253	22	0.01461	0.01676
J	10	0	0.00412	13	0	0.00202	21	0.00034	0.00579

M	9	0	0.00461	17	0	0.00214	29	0.01186	0.01089
CL1	GOD 1	VG 1	SE1	GOD 2	VG 2	SE2	GOD 3	VG 3	SE3
D	7	0	2.85228	17	0	1.79968	27	0	1.66733
F	8	0.05556	1.25804	14	0.44751	1.21967	21	0.46078	1.12272
G	7	1.62346	2.19109	13	18.79877	9.80865	20	0.51542	1.67377
H	8	0	0.78566	14	0.35714	1.65759	22	0.51493	1.18589
J	10	2.87216	3.26131	13	0	1.18363	21	3.73545	4.54557
M	9	2.59215	2.49171	17	0	1.38728	29	2.45185	3.11906
CL2	GOD 1	VG 1	SE1	GOD 2	VG 2	SE2	GOD 3	VG 3	SE3
D	7	0	17.23978	17	21.77046	17.21842	27	0	10.16958
F	8	3.58122	5.74376	14	0	7.41623	21	0	3.67561
G	7	4.60185	7.19215	13	10.19136	11.4038	20	0	5.13406
H	8	1.57059	4.13008	14	0	6.1567	22	0	5.01108
J	10	0	6.35242	13	0.3679	6.81771	21	11.24339	12.69729
M	9	0	4.67332	17	0.66477	3.05535	29	1.05404	2.57458
CL3	GOD 1	VG 1	SE1	GOD 2	VG 2	SE2	GOD 3	VG 3	SE3
D	7	13.46875	13.24163	17	11.51225	19.20428	27	0	16.0853
F	8	0	3.37041	14	78.18973	40.30733	21	0	3.27047
G	7	0	9.25692	13	0	9.84922	20	0	5.94668
H	8	0	4.19712	14	0	19.56205	22	0.41978	4.69168
J	10	9.78126	14.20807	13	3.25926	7.10506	21	15.55173	13.9879
M	9	0	1.24262	17	5.63494	11.14281	29	3.3303	5.41893
CL4	GOD 1	VG 1	SE1	GOD 2	VG 2	SE2	GOD 3	VG 3	SE3
D	7	0	225.2659	17	4.62771	32.83617	27	0	36.75779

F	8	21.22666	15.15817	14	79.30437	48.82245	21	0	12.04766
G	7	0	7.15185	13	16.31852	27.30084	20	8.82115	12.63877
H	8	10.80329	12.87009	14	54.44286	55.50351	22	8.14366	12.46742
J	10	0	14.30439	13	0	20.42342	21	4.18271	19.66714
M	9	0	9.87739	17	0	15.76466	29	43.16061	33.09334

AM	GOD 1	VG 1	SE1	GOD 2	VG 2	SE2	GOD 3	VG 3	SE3
D	7	1.78587	1.60833	17	0	0.13735	27	0.31066	0.38791
F	8	0.11333	0.41094	14	0.2558	0.1978	21	0	0.98734
G	7	0	0.26656	13	0	0.12841	20	0.81169	0.73144
H	8	0.117	0.49791	14	0	0.16037	22	1.55539	1.19434
J	10	0	0.34897	13	0	0.04468	21	0.18682	0.19556
M	9	0	0.3254	17	0	0.07071	29	0	0.23553

Marie

SM	GOD 1	VG 1	SE1	GOD 2	VG 2	SE2	GOD 3	VG 3	SE3
B	12	0.01423	0.01715	27	0.04173	0.06589			
F	14	0.00068	0.00292	32	0.01032	0.00842	57	0.00145	0.00272
H	14	0.00389	0.00497	30	0.00349	0.00299			
I	12	0.00241	0.00715	28	0	0.00319			
J	18	0.00298	0.00313	36	0	0.00149			
K	13	0	0.00191	29	0.02116	0.01448	66	0.00246	0.00327
M	12	0.00221	0.00493	27	0	0.00452			

CL1	GOD 1	VG 1	SE1	GOD 2	VG 2	SE2	GOD 3	VG 3	SE3
B	12	9.2037	8.67665	27	6.71739	6.431			
F	14	0	0.69411	32	9.20133	8.585	57	0	0.87258

H	14	0.73882	1.19822	30	0	0.63302			
I	12	0	3.96674	28	0.08784	0.6793			
J	18	0	0.64209	36	0	1.01125			
K	13	2.48413	2.56716	29	7.56209	6.36515	66	1.01496	1.5472
M	12	0	1.7041	27	1.0473	0.64683			
CL2	GOD 1	VG 1	SE1	GOD 2	VG 2	SE2	GOD 3	VG 3	SE3
B	12	19.93519	17.86768	27	40.47101	37.59285			
F	14	0	4.99088	32	27.80247	29.76014	57	1.41952	6.28477
H	14	0.90921	3.4171	30	0	0.46764			
I	12	1.49069	17.80141	28	2.00676	4.01669			
J	18	0	5.84921	36	4.14198	7.92738			
K	13	2.5873	9.24041	29	9.85948	8.01073	66	1.21352	7.9515
M	12	0	1.94786	27	1.91216	3.54373			
CL3	GOD 1	VG 1	SE1	GOD 2	VG 2	SE2	GOD 3	VG 3	SE3
B	12	0	14.54704	27	3.65217	11.19872			
F	14	8.98148	10.26047	32	8.41026	12.14323	57	0	3.34979
H	14	0	2.97304	30	0.42525	0.71062			
I	12	29.64295	27.73263	28	2.0473	4.17883			
J	18	2.97222	7.62431	36	13.17593	11.49367			
K	13	0	10.5852	29	70.7549	46.98801	66	10.4229	11.5278
M	12	0	7.00063	27	1.06081	2.33114			
CL4	GOD 1	VG 1	SE1	GOD 2	VG 2	SE2	GOD 3	VG 3	SE3
B	12	2.10185	15.29273	27	131.3623	118.5344			
F	14	0	11.12182	32	7.83357	12.9765	57	0	5.78328
H	14	4.98487	4.67624	30	0.43889	0.48224			

I	12	26.85638	25.58624	28	0	6.34153			
J	18	5.47222	14.90671	36	2.19753	15.29665			
K	13	0	9.90451	29	22.73203	31.25187	66	0.73347	17.22923
M	12	0	11.47289	27	12.13851	6.78263			
AM	GOD 1	VG 1	SE1	GOD 2	VG 2	SE2	GOD 3	VG 3	SE3
B	12	1.05695	1.38772	27	2.18494	3.23428			
F	14	0.04329	0.2617	32	0.2201	0.48058	57	0.23385	0.47953
H	14	2.91159	2.62771	30	0.17802	1.02716			
I	12	0	0.45979	28	0.2054	0.28981			
J	18	1.94543	3.68016	36	0	0.07784			
K	13	0	0.12012	29	0.2934	0.45727	66	0	0.04555
M	12	0	0.29046	27	0.48353	1.74699			

Table S4 Trait-specific estimates of *ΔV* (VAR) and *ΔM* (MEAN) for individual genotypes from each of the three experimental populations ($Klamath_{SGT}$, $Klamath_{LGT}$, and Lake $Marie_{SGT}$).

Population	Genotype	SM_{VAR}	SM_{MEAN}	$CL1_{VAR}$	$CL1_{MEAN}$	$CL2_{VAR}$	$CL2_{MEAN}$	$CL3_{VAR}$	$CL3_{MEAN}$	$CL4_{VAR}$	$CL4_{MEAN}$	AM_{VAR}	AM_{MEAN}
	B	0.00000	0.00870	0.00790	-0.13400	0.00290	-0.33100	0.05230	-0.26600	0.02640	-0.23300	0.01140	-0.02000
	F	0.00005	0.00110	0.00021	-0.08020	0.00003	-0.16700	0.00010	-0.09690	0.04900	-0.20250	0.00790	0.00500
	H	0.00014	0.00440	0.00540	-0.08400	0.00190	-0.14100	0.01350	-0.17000	0.02210	-0.18100	0.02180	-0.00800
Marie	I	0.00002	-0.00130	0.00304	-0.18800	0.07400	-0.35800	0.13800	-0.36100	0.09700	-0.23600	0.00658	-0.01500
	K	0.00003	0.00120	0.00940	-0.01990	0.03760	-0.07580	0.20250	-0.08170	0.04060	-0.15950	0.00009	0.01290
	L	0.00030	0.00380	0.23700	-0.13700	0.31900	-0.23400	1.29000	-0.01630	0.47800	-0.14100	0.00570	0.01250
	M	0.00003	0.00270	0.03600	-0.14700	0.05210	-0.32900	0.03700	-0.47500	0.40300	-0.38500	0.00820	-0.00400
	B	0.00008	0.00300	0.00400	-0.03600	0.00200	-0.07300	0.12800	-0.01400	0.01050	-0.00037	0.00000	-0.00700
	D	0.00020	0.00300	0.01900	0.03800	0.20000	-0.03200	0.50900	-0.12400	0.16300	-0.07700	0.00026	0.00500
	F	0.00004	0.00400	0.00700	0.01500	0.02400	-0.08500	0.03400	-0.16300	0.10700	-0.18700	0.00006	0.01060
	G	0.00001	-0.00010	0.04200	-0.00600	0.00000	-0.06100	0.09700	-0.08100	0.01800	-0.08800	0.00180	0.00780
$Klamath_{SGT}$	H	0.00010	0.00500	0.00100	0.01100	0.27100	-0.06500	0.50200	-0.00400	0.04780	-0.10900	0.01690	0.01790
	I	0.00012	0.00500	0.00600	0.07900	0.07900	0.10600	0.32100	0.11200	0.42300	0.08300	0.00430	0.00400
	J	0.00008	0.00100	0.01100	0.05800	0.30200	0.08400	0.20200	0.08400	0.12900	0.07300	0.00086	0.00720
	K		0.00400	0.02500	-0.01400	0.03200	-0.07300	0.08500	-0.10200	0.12500	-0.00300	0.00470	0.00510
	M	0.00002	0.00200	0.03400	0.01800	0.01700	0.00300	0.01270	-0.06300	0.02120	-0.01600	0.00120	0.00180
	D	0.00004	0.00900	0.00000	0.12900	0.23500	0.21500	0.27000	0.11400	0.07800	0.15700	0.00700	-0.03200
	F	0.00014	0.00700	0.01700	0.18200	0.03170	-0.48200	0.17100	-0.66400	0.75700	-0.78700	0.01300	0.01100
$Klamath_{LGT}$	G	0.00030	0.01030	0.13000	-0.01200	0.16200	-0.10700		-0.34100	0.48600	-0.47200	0.01100	0.03100
	H	0.00020	0.01500	0.02100	-0.00700	0.02100	-0.29800	0.01500	-0.51600	0.73600	-0.51200	0.01700	0.03500
	J		0.02000	0.07000	0.40700	0.25600	0.45900	0.58100	0.48500	0.11800	0.37300	0.00320	0.05000
	M	0.00010	0.01300	0.06300	-0.07000	0.03500	-0.05600	0.10700	0.09300	0.72800	0.24500		0.02500