



Genotype	IPCA1	IPCA2	IPCA3	IPCA4	MASV1	MASV	W1	W2	W3	WAASB	R _{IPCA1}	R _{MASV}	R _{MASV1}	R _{W1}	R _{W2}	R _{W3}	R _{WAASB}
HS507	2.698	2.131	-0.391	-1.192	8.261	5.726	2.698	2.463	1.900	1.777	6	6	6	6	6	5	6
HS562	-1.625	-0.608	-1.413	-1.595	5.235	3.881	1.625	1.204	1.261	1.319	4	2	3	4	2	3	3
HPW349	-0.444	1.040	-1.502	2.459	4.203	3.832	0.444	0.691	0.911	1.181	2	1	1	2	1	1	2
HS668	-2.635	1.222	1.921	-0.261	7.941	5.544	2.635	2.050	2.015	1.709	5	5	5	5	5	6	5
VL907	0.402	-2.509	-0.774	-0.069	5.120	4.302	0.402	1.274	1.138	0.952	1	3	2	1	3	2	1
VL2036	1.604	-1.276	2.158	0.658	6.076	4.725	1.604	1.468	1.656	1.482	3	4	4	3	4	4	4

Genotype	AMu	Rk	SI au	Rk	GMu	Rk	SI gu	Rk	HMu	Rk	SI hu	Rk	MHRPGVu	Rk	RPGVu	Rk	AMu	Rk	SI au	Rk	GMu	Rk
HS507	34.66	4	86.98	4	56.54	5	33.78	3	95.91	3	62.34	5	32.91	1	100.00	1	65.00	5	1.039	2	1.018	3
HS562	34.99	2	93.27	2	80.06	2	33.31	4	87.68	4	76.42	3	31.44	5	77.78	5	69.99	4	1.021	4	1.009	4
HPW349	35.34	1	100.00	1	90.30	1	34.02	1	100.00	1	90.30	1	32.50	3	93.86	3	86.31	1	1.041	1	1.032	1
HS668	30.12	6	0.00	6	2.85	6	28.21	6	0.00	6	2.85	6	26.28	6	0.00	6	2.85	6	0.871	6	0.848	6
VL907	33.21	5	59.26	5	73.52	3	32.41	5	72.24	5	81.96	2	31.50	4	78.73	4	86.18	2	0.990	5	0.985	5
VL2036	34.97	3	92.96	3	72.92	4	33.83	2	96.80	2	75.42	4	32.63	2	95.84	2	74.80	3	1.038	3	1.023	2

