

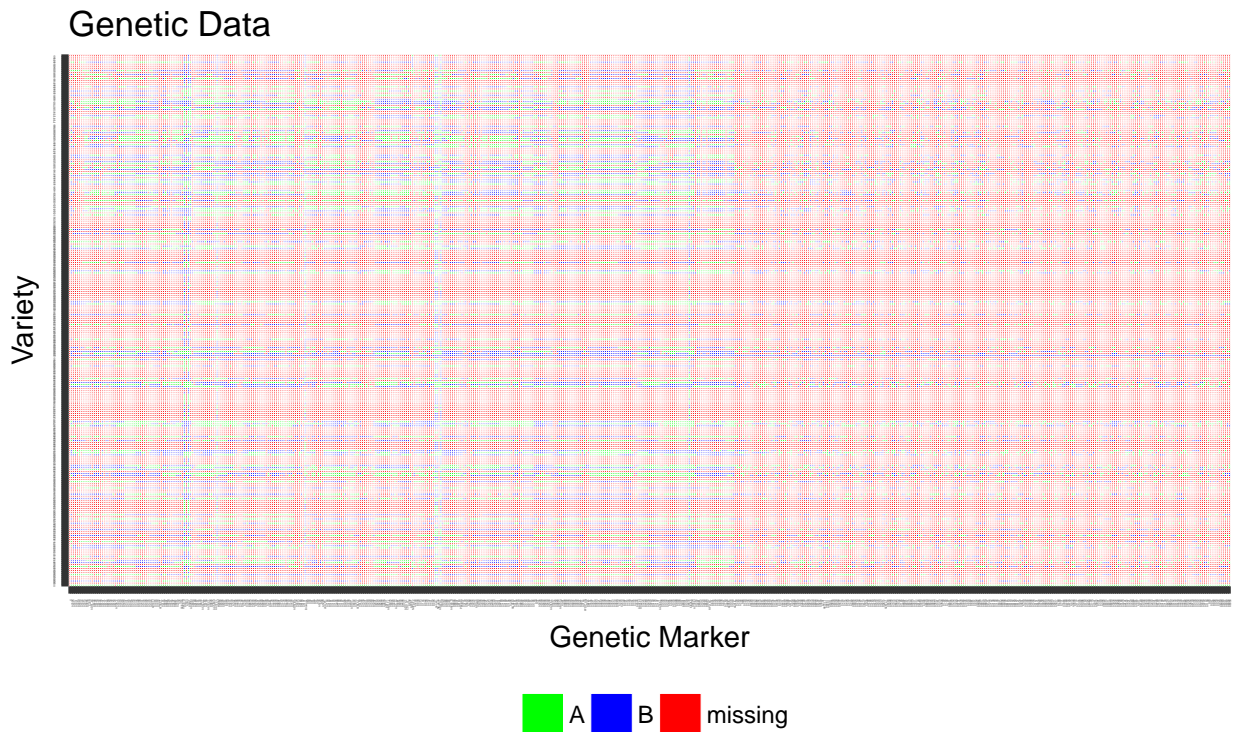
# Pea Lodging Final Report

Paul Harmon, Nnamdi Ekeiki, and Andrea Mack

December 16, 2016

## 1 Visualizing Missing Data

### 1.1 All Markers



	A2594	A1617	A1621	A1619	A1618	A1624	A1615	A1622	A7578	C20B	AD51.ba	A6734	A6726	A6730	A6732	A6733	A6731	A6737	A6724	A6729
Count	164.00	194.00	199.00	202.00	195.00	199.00	185.00	163.00	163.00	170.00	166.00	209.00	162.00	161.00	161.00	210.00	166.00	190.00	163.00	182.00
Percent	0.27	0.32	0.33	0.33	0.32	0.33	0.30	0.27	0.27	0.28	0.27	0.34	0.27	0.26	0.26	0.34	0.27	0.31	0.27	0.30

	A6738	A6725	A6728	A004.s	A1623	A1620	A1303	A1616	A1331	A1325	A1327	A1329	A1330	A1332	A1409	A1408	A2407	A1405	A1404	A1402
Count	193.00	163.00	165.00	173.00	185.00	162.00	161.00	168.00	164.00	161.00	161.00	161.00	161.00	161.00	161.00	161.00	161.00	187.00	169.00	193.00
Percent	0.32	0.27	0.27	0.28	0.30	0.27	0.26	0.28	0.27	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.31	0.28	0.32

## Missing Data and LOD

Paul Harmon, Nnamdi Ekeiki, and Andrea Mack

	A1403	A1024	ad147.1	A7384	A7380	A7302	A7302.1	A2197	A6889	A6891	A2259	A2257	A2256	A2521	A5967	A2340	A26	A26.dpu	A26.dpu.1	Ab566.D
Count	176.00	162.00	163.00	162.00	163.00	163.00	211.00	226.00	164.00	163.00	187.00	170.00	201.00	161.00	162.00	162.00	161.00	165.00	165.00	182.00
Percent	0.29	0.27	0.27	0.27	0.27	0.27	0.35	0.37	0.27	0.27	0.31	0.28	0.33	0.26	0.27	0.27	0.26	0.27	0.27	0.30

	Afila.2	Afila.1	Afila.1	AA258.1	AD51.ba.1	A6953	A5189	A6757	A6755	A6648	AA473.L	A6762	A6758	AA332.L	A4834	A4832	AA5.Mid	AA372.L	white.f	white.f.1
Count	16.00	163.00	5.00	129.00	166.00	218.00	192.00	171.00	161.00	161.00	164.00	162.00	162.00	162.00	161.00	163.00	171.00	166.00	5.00	161.00
Percent	0.03	0.27	0.01	0.21	0.27	0.36	0.32	0.28	0.26	0.26	0.27	0.27	0.27	0.27	0.26	0.27	0.28	0.27	0.01	0.26

	A6085	A6086	A6087	A854	A853	A4507	A4500	A337	A4495	A4496	A7738	A7732	A4497	A298	A7055	A4292	A6470	A5495	A5502	A220
Count	163.00	167.00	163.00	162.00	162.00	171.00	163.00	172.00	173.00	195.00	208.00	215.00	205.00	162.00	169.00	161.00	162.00	199.00	166.00	171.00
Percent	0.27	0.27	0.27	0.27	0.27	0.28	0.27	0.28	0.28	0.32	0.34	0.35	0.34	0.27	0.28	0.26	0.27	0.33	0.27	0.28

	A5501	A5494	A5499	A5491	A5498	A299	A1561	A7736	A4494	A4508	A4502	A4501	A7729	A7734	A7733	A4499	A7740	A7258	A7257	AD51.Ba
Count	184.00	166.00	190.00	169.00	198.00	202.00	181.00	180.00	163.00	162.00	162.00	161.00	166.00	165.00	161.00	219.00	163.00	164.00	167.00	171.00
Percent	0.30	0.27	0.31	0.28	0.33	0.33	0.30	0.30	0.27	0.27	0.27	0.26	0.27	0.27	0.26	0.36	0.27	0.27	0.27	0.28

	A5204	A5213	A5165	A5193	A5191	Brown.m	A60	A56	A61	A55	A57	A59	A5226	A58	A5229	LKA.F5.	A7184	A7183	A7181	A7185
Count	223.00	224.00	206.00	217.00	227.00	16.00	190.00	182.00	190.00	168.00	165.00	193.00	220.00	208.00	189.00	186.00	162.00	192.00	164.00	164.00
Percent	0.37	0.37	0.34	0.36	0.37	0.03	0.31	0.30	0.31	0.28	0.27	0.32	0.36	0.34	0.31	0.31	0.27	0.32	0.27	0.27

	A7182	A2446	A7188	A7186	A7187	A7356	A7357	A7298	A4307	AA107..	A6492	A7814	A7814.1	A5160	A7346	A7339	A7371	A7340	A7359	A7369
Count	163.00	162.00	161.00	169.00	200.00	207.00	178.00	166.00	196.00	164.00	163.00	161.00	191.00	216.00	196.00	213.00	220.00	216.00	216.00	217.00
Percent	0.27	0.27	0.26	0.28	0.33	0.34	0.29	0.27	0.32	0.27	0.27	0.26	0.31	0.35	0.32	0.35	0.36	0.35	0.35	0.36

	A7348	A2431	A6253	A6252	A6254	A6622	A4829	AD73.f.	AB111.L	A6075	A6995	A4460	AA5.Lo	A4461	A6994	A2246	A1025	AD174.L	CDC.27.	A836
Count	217.00	218.00	164.00	164.00	162.00	163.00	164.00	164.00	162.00	163.00	181.00	162.00	162.00	165.00	199.00	169.00	162.00	164.00	170.00	161.00
Percent	0.36	0.36	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.30	0.27	0.27	0.27	0.33	0.28	0.27	0.27	0.28	0.26

	A836.1	NCPA.F2	A5200	A430	A420	A413	A145	A422	A428	A432	A421	A423	A425	np.neo.	Np.upda	AD270.L	tall.dw	A1063	A1066	A1064
Count	213.00	219.00	198.00	186.00	200.00	166.00	201.00	163.00	203.00	184.00	189.00	207.00	186.00	18.00	17.00	169.00	8.00	161.00	163.00	162.00
Percent	0.35	0.36	0.33	0.31	0.33	0.27	0.33	0.27	0.33	0.30	0.31	0.34	0.31	0.03	0.03	0.28	0.01	0.26	0.27	0.27

	A1065	AA285.D	A6802	A6800	A6801	A6160	P628.Hi	A7837	A2100	A5640	A783	A5896	A2004	A2342	A9.lg.4	A2343	A1996	A2002	A2006	A1221
Count	179.00	164.00	162.00	162.00	166.00	162.00	182.00	171.00	200.00	206.00	220.00	226.00	187.00	208.00	162.00	202.00	183.00	190.00	163.00	164.00
Percent	0.29	0.27	0.27	0.27	0.27	0.27	0.30	0.28	0.33	0.34	0.36	0.37	0.31	0.34	0.27	0.33	0.30	0.31	0.27	0.27

	A1224	A2012	A2008	A1223	A2007	A2341	A2001	A7189	A7192	A7193	A7197	A7196	A296	AGAT.Hi	A2181	A4598	A7749	A4852	A6542	A1785
Count	166.00	176.00	162.00	163.00	163.00	162.00	161.00	161.00	163.00	163.00	164.00	168.00	162.00	185.00	185.00	162.00	162.00	228.00	194.00	161.00
Percent	0.27	0.29	0.27	0.27	0.27	0.27	0.26	0.26	0.27	0.27	0.27	0.28	0.27	0.30	0.30	0.27	0.27	0.37	0.32	0.26

	A1788	A1783	A1787	A1782	A1786	A30	A37	A5406	A5399	A5402	A5404	A5400	A5398	AA315.L	A5517	A4825	A4826	A4824	AB23.lg	AA81
Count	161.00	161.00	161.00	169.00	167.00	164.00	161.00	183.00	167.00	166.00	169.00	165.00	194.00	163.00	183.00	227.00	227.00	205.00	161.00	165.00
Percent	0.26	0.26	0.26	0.28	0.27	0.27	0.26	0.30	0.27	0.27	0.28	0.27	0.32	0.27	0.30	0.37	0.37	0.34	0.26	0.27

	A4808	A4804	A4806	A1822	A4337	A4807	A4809	A4805	A1821	A4827	A2144	PYDC.UN	A5227	A5157	A7606	A7611	A7618	A7613	A7621	A7610
Count	161.00	162.00	175.00	162.00	163.00	162.00	162.00	162.00	162.00	168.00	195.00	205.00	222.00	207.00	162.00	165.00	164.00	164.00	164.00	170.00
Percent	0.26	0.27	0.29	0.27	0.27	0.27	0.27	0.27	0.27	0.28	0.32	0.34	0.36	0.34	0.27	0.27	0.27	0.27	0.27	0.28

	A7604	A7608	A7607	A7602	A7601	A7615	A7614	A7603	A7619	A446	A2518	A448	A451	A452	A449	A447	A445	A444	A4546	AA374.1
Count	164.00	162.00	162.00	162.00	162.00	163.00	163.00	163.00	162.00	161.00	164.00	163.00	163.00	163.00	161.00	163.00	194.00	204.00	192.00	163.00
Percent	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.26	0.27	0.27	0.27	0.27	0.26	0.27	0.32	0.33	0.32	0.27

	AA224.1	A7224	A7223	A1580	A5439	A5420	A7133	A7134	A7132	A7131	AA335.L	A1006	A1004	A1002	A1007	A995	A996	A1003	A1008	A999
Count	161.00	165.00	163.00	161.00	161.00	161.00	162.00	162.00	161.00	161.00	161.00	188.00	188.00	176.00	162.00	187.00	172.00	173.00	166.00	161.00
Percent	0.26	0.27	0.27	0.26	0.26	0.26	0.27	0.27	0.26	0.26	0.26	0.31	0.31	0.29	0.27	0.31	0.28	0.28	0.27	0.26

## Missing Data and LOD

Paul Harmon, Nnamdi Ekeiki, and Andrea Mack

	A998	A997	A6901	A1001	A1000	A6634	black.h	A4409	AC76b.1	A1555	A6561	A1915	A1916	A6560	A6563	A1912	RPL15S.	A641	A642	A649
Count	161.00	161.00	162.00	163.00	161.00	162.00	7.00	162.00	163.00	226.00	167.00	165.00	201.00	163.00	162.00	203.00	172.00	161.00	166.00	161.00
Percent	0.26	0.26	0.27	0.27	0.26	0.27	0.01	0.27	0.27	0.37	0.27	0.27	0.33	0.27	0.27	0.33	0.28	0.26	0.27	0.26

	A645	A640	A638	A647	A7763	A4828	aa456..	A1978	A1980	aa416..	A258	A260	A246	A66	A253	A259	A236	A250	A5553	A5574
Count	171.00	162.00	161.00	161.00	163.00	206.00	161.00	161.00	166.00	164.00	215.00	222.00	224.00	219.00	214.00	224.00	221.00	221.00	224.00	222.00
Percent	0.28	0.27	0.26	0.26	0.27	0.34	0.26	0.26	0.27	0.27	0.35	0.36	0.37	0.36	0.35	0.37	0.36	0.36	0.37	0.36

	A5562	A5582	A5575	A5567	A5552	A5550	A5545	A5563	A5547	A1434	A1551	A6408	A470	A474	A6451	A6449	A6454	A846	A6751	A850
Count	223.00	222.00	217.00	220.00	224.00	220.00	218.00	215.00	217.00	206.00	209.00	184.00	230.00	226.00	219.00	221.00	219.00	222.00	215.00	213.00
Percent	0.37	0.36	0.36	0.36	0.37	0.36	0.36	0.35	0.36	0.34	0.34	0.30	0.38	0.37	0.36	0.36	0.36	0.36	0.35	0.35

	A2680	A3067	A3050	A635	A3598	A5728	A5477	A5478	A5479	A6575	A6049	A6044	A6742	A6297	A4690	A791	A6751.1	A846.1	A850.1	A5311
Count	222.00	220.00	217.00	205.00	199.00	211.00	208.00	209.00	206.00	171.00	214.00	219.00	220.00	198.00	206.00	220.00	215.00	222.00	213.00	192.00
Percent	0.36	0.36	0.36	0.34	0.33	0.35	0.34	0.34	0.34	0.28	0.35	0.36	0.36	0.33	0.34	0.36	0.35	0.36	0.35	0.32

	A5895	A6329	A6339	A1058	A5537	A244	A257	A232	A243	A237	A240	A6955	A6934	A4750	A4734	A4757	A2714	A6947	A938	A4792
Count	223.00	193.00	224.00	191.00	226.00	216.00	220.00	223.00	219.00	213.00	215.00	219.00	217.00	217.00	216.00	225.00	180.00	214.00	203.00	220.00
Percent	0.37	0.32	0.37	0.31	0.37	0.35	0.36	0.37	0.36	0.35	0.35	0.36	0.36	0.36	0.35	0.37	0.30	0.35	0.33	0.36

	A4786	A4783	A4779	A2316	A2303	A2319	A2317	A2672	A2672.1	A6484	A5008	A7378	A7075	A6222	A7013	A7008	A1185	A4855	A5951	A6557
Count	223.00	224.00	222.00	220.00	222.00	225.00	214.00	165.00	224.00	223.00	215.00	215.00	189.00	224.00	230.00	231.00	189.00	205.00	215.00	226.00
Percent	0.37	0.37	0.36	0.36	0.36	0.37	0.35	0.27	0.37	0.37	0.35	0.35	0.31	0.37	0.38	0.38	0.31	0.34	0.35	0.37

	A6574	A6554	A4510	A4511	A4512	A5124	A5063	A7422	A948	A6573	A6550	A6532	A5654	A5623	A3512	A1461	A1070	A3634	A790	A785
Count	224.00	225.00	226.00	222.00	220.00	208.00	228.00	203.00	208.00	221.00	223.00	214.00	216.00	231.00	224.00	205.00	191.00	219.00	219.00	218.00
Percent	0.37	0.37	0.37	0.36	0.36	0.34	0.37	0.33	0.34	0.36	0.37	0.35	0.35	0.38	0.37	0.34	0.31	0.36	0.36	0.36

	A786	A6511	A6495	A1252	A7372	A7660	A5131	A5638	A7242	A7252	A7245	A653	A660	A661	A657	A652	A5987	A5988	A6817	A6820
Count	215.00	213.00	211.00	212.00	214.00	180.00	207.00	199.00	218.00	225.00	233.00	222.00	223.00	227.00	217.00	219.00	222.00	197.00	210.00	213.00
Percent	0.35	0.35	0.35	0.35	0.35	0.30	0.34	0.33	0.36	0.37	0.37	0.36	0.37	0.37	0.36	0.36	0.36	0.32	0.34	0.35

	A6819	A2747	A1044	A7142	A7138	A7144	A7146	A6507	A6512	A6506	A6496	A6127	A6123	A6120	A6122	A6125	A6124	A6121	A4028	A4641
Count	212.00	225.00	190.00	223.00	231.00	225.00	227.00	223.00	226.00	220.00	219.00	226.00	224.00	229.00	221.00	223.00	221.00	217.00	195.00	207.00
Percent	0.35	0.37	0.31	0.37	0.38	0.37	0.37	0.37	0.37	0.36	0.36	0.37	0.37	0.38	0.36	0.37	0.36	0.36	0.32	0.34

	A340	A1600	A1595	A1605	A1606	A1594	A5147	A5171	A5828	A4766	A5826	A5815	A5814	A5830	A5816	A5810	A5811	A5817	A780	A693
Count	193.00	226.00	226.00	230.00	226.00	226.00	231.00	226.00	224.00	222.00	219.00	223.00	226.00	221.00	216.00	219.00	212.00	221.00	227.00	218.00
Percent	0.32	0.37	0.37	0.38	0.37	0.37	0.38	0.37	0.37	0.36	0.36	0.37	0.37	0.36	0.35	0.36	0.35	0.36	0.37	0.36

	A771	A7866	A7758	A6752	A6749	A475	A5646	A472	A1177	A1095	A1092	A1096	A5750	A1452	A6363	A1758	A1770	A2041	A5972	A391
Count	219.00	214.00	204.00	214.00	215.00	230.00	209.00	227.00	221.00	219.00	220.00	227.00	217.00	224.00	192.00	217.00	220.00	211.00	226.00	222.00
Percent	0.36	0.35	0.33	0.35	0.35	0.38	0.34	0.37	0.36	0.36	0.36	0.37	0.36	0.37	0.32	0.36	0.36	0.35	0.37	0.36

	A393	A392	A6422	A6415	A6411	A6403	A6418	A3936	A3934	A3935	A2556	A5188	A4079	A4101	A7222	A7221	A7220	A1868	A1867	A1665
Count	218.00	210.00	227.00	223.00	223.00	221.00	215.00	217.00	216.00	226.00	213.00	217.00	230.00	225.00	226.00	221.00	229.00	218.00	203.00	214.00
Percent	0.36	0.34	0.37	0.37	0.37	0.36	0.35	0.36	0.35	0.37	0.35	0.36	0.38	0.37	0.37	0.36	0.38	0.36	0.33	0.35

	A811	A5703	A1060	A1046	A7643	A7633	A7300	A2443	A7301	A7276	A6789	A7274	A7148	A7147	A7139	A6218	A6217	A6219	A5752	A5733
Count	221.00	196.00	225.00	217.00	227.00	224.00	225.00	214.00	219.00	229.00	198.00	222.00	227.00	228.00	218.00	223.00	223.00	223.00	223.00	225.00
Percent	0.36	0.32	0.37	0.36	0.37	0.37	0.37	0.35	0.36	0.38	0.33	0.36	0.37	0.37	0.36	0.37	0.37	0.37	0.37	0.37

	A5775	A4430	A4428	A4427	A4425	A4365	A1038	A3654	A5779	A1348	A1349	A1350	A1343	A5228	A5259	A1123	A1109	A20	A927	A928
Count	225.00	219.00	223.00	224.00	229.00	225.00	224.00	209.00	215.00	227.00	216.00	222.00	215.00	190.00	224.00	222.00	226.00	176.00	221.00	227.00
Percent	0.37	0.36	0.37	0.37	0.38	0.37	0.37	0.34	0.35	0.37	0.35	0.36	0.35	0.31	0.37	0.36	0.37	0.29	0.36	0.37

## Missing Data and LOD

Paul Harmon, Nnamdi Ekeiki, and Andrea Mack

	A926	A930	A925	A6359	A6360	A6357	A6060	A6058	A6056
Count	214.00	222.00	223.00	227.00	218.00	225.00	224.00	217.00	210.00
Percent	0.35	0.36	0.37	0.37	0.36	0.37	0.37	0.36	0.34

	X1	X2	X3	X4	X5	X6	X7	X8	X9	X10	X11	X12	X13	X14	X15	X16	X17	X18	X19	X20
Count	2.00	2.00	600.00	172.00	266.00	226.00	605.00	203.00	600.00	603.00	241.00	600.00	230.00	600.00	223.00	600.00	181.00	600.00	221.00	294.00
Percent	0.01	0.01	2.33	0.67	1.04	0.88	2.35	0.79	2.33	2.35	0.94	2.33	0.89	2.33	0.87	2.33	0.70	2.33	0.86	1.14

	X21	X22	X23	X24	X25	X26	X27	X28	X29	X30	X31	X32	X33	X34	X35	X36	X37	X38	X39	X40
Count	602.00	603.00	601.00	261.00	602.00	600.00	603.00	600.00	246.00	190.00	238.00	212.00	600.00	600.00	197.00	600.00	600.00	195.00	224.00	600.00
Percent	2.34	2.35	2.34	1.02	2.34	2.33	2.35	2.33	0.96	0.74	0.93	0.82	2.33	2.33	0.77	2.33	2.33	0.76	0.87	2.33

	X41	X42	X43	X44	X45	X46	X47	X48	X49	X50	X51	X52	X53	X54	X55	X56	X57	X58	X59	X60
Count	600.00	184.00	210.00	195.00	601.00	213.00	177.00	602.00	165.00	599.00	194.00	238.00	601.00	600.00	174.00	235.00	600.00	600.00	185.00	600.00
Percent	2.33	0.72	0.82	0.76	2.34	0.83	0.69	2.34	0.64	2.33	0.75	0.93	2.34	1.14	0.91	2.33	2.33	2.33	0.87	2.33

	X61	X62	X63	X64	X65	X66	X67	X68	X69	X70	X71	X72	X73	X74	X75	X76	X77	X78	X79	X80
Count	269.00	308.00	252.00	600.00	209.00	291.00	600.00	189.00	600.00	242.00	216.00	600.00	600.00	174.00	235.00	600.00	600.00	165.00	185.00	600.00
Percent	1.05	1.20	0.98	2.33	0.81	1.13	2.33	0.74	2.33	2.33	0.94	0.84	2.33	2.33	0.68	0.91	2.33	0.64	0.72	2.33

	X81	X82	X83	X84	X85	X86	X87	X88	X89	X90	X91	X92	X93	X94	X95	X96	X97	X98	X99	X100
Count	244.00	600.00	248.00	600.00	280.00	600.00	600.00	600.00	282.00	267.00	600.00	190.00	600.00	600.00	600.00	173.00	600.00	600.00	602.00	182.00
Percent	0.95	2.33	0.96	2.33	1.09	2.33	2.33	2.33	1.10	1.04	2.33	0.74	2.33	2.33	2.33	0.67	2.33	2.33	2.34	0.71

	X101	X102	X103	X104	X105	X106	X107	X108	X109	X110	X111	X112	X113	X114	X115	X116	X117	X118	X119	X120
Count	601.00	601.00	170.00	601.00	601.00	603.00	164.00	602.00	200.00	603.00	187.00	600.00	600.00	603.00	187.00	205.00	601.00	194.00	601.00	158.00
Percent	2.34	2.34	0.66	2.34	2.34	2.35	0.64	2.34	0.78	2.35	0.73	2.33	2.33	2.35	0.73	0.80	2.34	0.75	2.34	0.61

	X121	X122	X123	X124	X125	X126	X127	X128	X129	X130	X131	X132	X133	X134	X135	X136	X137	X138	X139	X140
Count	601.00	603.00	174.00	601.00	601.00	226.00	601.00	227.00	601.00	601.00	601.00	601.00	601.00	601.00	601.00	601.00	209.00	601.00	219.00	601.00
Percent	2.34	2.35	0.68	2.34	2.34	0.88	2.34	0.88	2.34	2.34	2.34	2.34	2.34	2.34	2.34	2.34	0.81	2.34	0.85	2.34

	X141	X142	X143	X144	X145	X146	X147	X148	X149	X150	X151	X152	X153	X154	X155	X156	X157	X158	X159	X160
Count	207.00	601.00	603.00	182.00	601.00	601.00	209.00	178.00	601.00	185.00	178.00	603.00	603.00	601.00	601.00	209.00	198.00	209.00	601.00	601.00
Percent	0.81	2.34	2.35	0.71	2.34	2.34	0.81	0.69	2.34	0.72	0.69	2.35	2.35	2.34	2.34	0.81	0.77	0.81	2.34	2.34

	X161	X162	X163	X164	X165	X166	X167	X168	X169	X170	X171	X172	X173	X174	X175	X176	X177	X178	X179	X180
Count	602.00	195.00	603.00	171.00	604.00	601.00	603.00	601.00	156.00	178.00	601.00	601.00	601.00	601.00	601.00	601.00	602.00	601.00	601.00	602.00
Percent	2.34	0.76	2.35	0.67	2.35	2.34	2.35	2.34	0.61	0.69	2.34	2.34	2.34	2.34	2.34	2.34	2.34	2.34	2.34	2.34

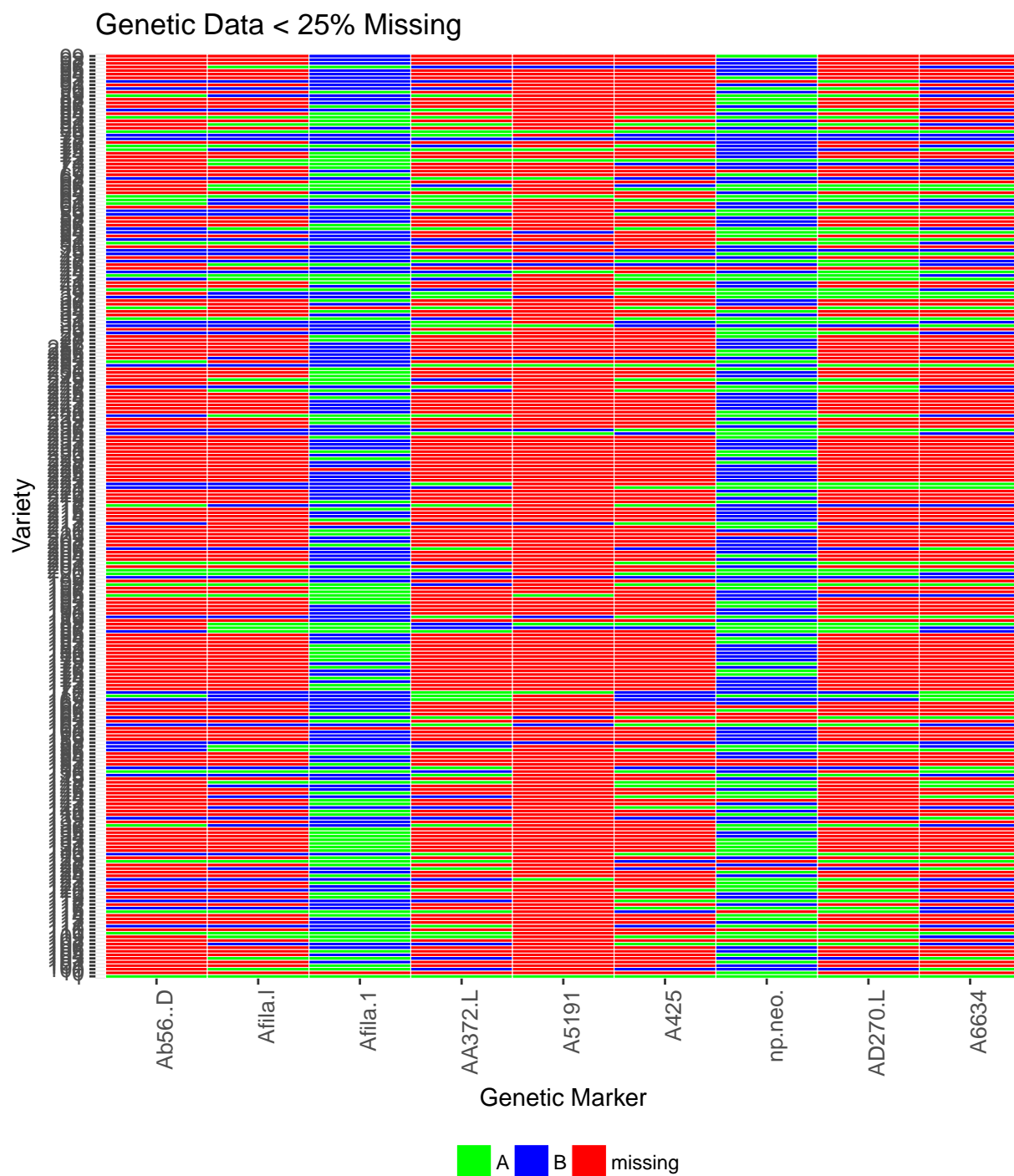
	X181	X182	X183	X184	X185	X186	X187	X188	X189	X190	X191	X192	X193	X194	X195	X196	X197	X198	X199	X200
Count	601.00	601.00	601.00	602.00	602.00	186.00	167.00	194.00	602.00	601.00	603.00	601.00	601.00	601.00	187.00	601.00	601.00	183.00	601.00	196.00
Percent	2.34	2.34	2.34	2.34	2.34	0.72	0.65	0.75	2.34	2.34	2.35	2.34	2.34	2.34	0.73	2.34	2.34	0.71	2.34	0.76

	X201	X202	X203	X204	X205	X206	X207	X208	X209	X210	X211	X212	X213	X214	X215	X216	X217	X218	X219	X220
Count	601.00	209.00	601.00	601.00	601.00	200.00	601.00	602.00	601.00	601.00	601.00	192.00	601.00	601.00	601.00	601.00	178.00	601.00	601.00	602.00
Percent	2.34	0.81	2.34	2.34	2.34	0.78	2.34	2.34	2.34	2.34	2.34	0.75	2.34	2.34	2.34	2.34	0.69	2.34	2.34	2.34

	X221	X222	X223	X224	X225	X226	X227	X228	X229	X230	X231	X232	X233	X234	X235	X236	X237	X238	X239	X240
Count	172.00	186.00	602.00	601.00	601.00	602.00	601.00	602.00	603.00	602.00	601.00	601.00	601.00	601.00	173.00	169.00	601.00	601.00	602.00	601.00
Percent	0.67	0.72	2.34	2.34	2.34	2.34	2.34	2.34	2.35	2.34	2.34	2.34	2.34	2.34	0.67	0.66	2.34	2.34	2.34	2.34

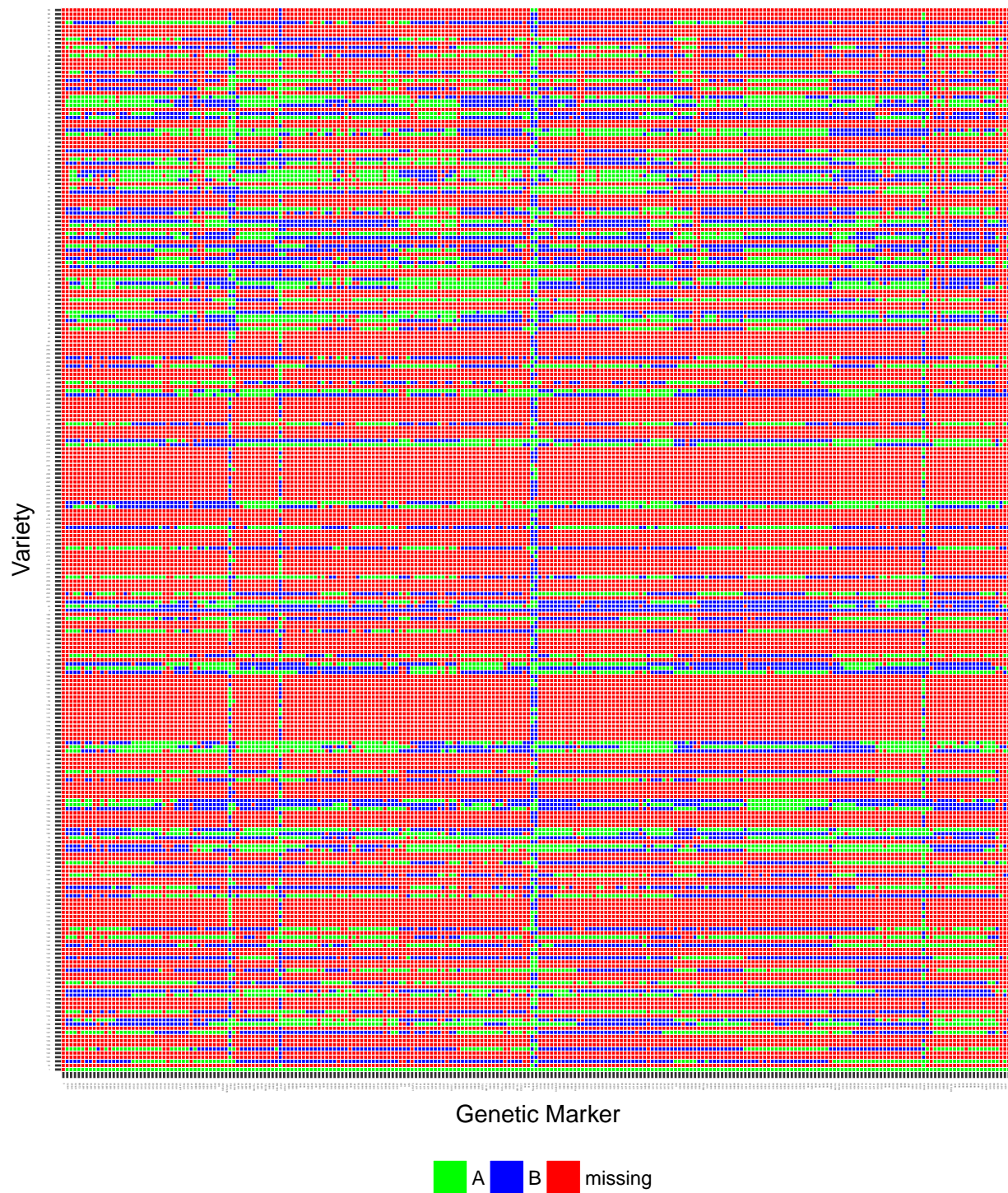
	X241	X242	X243	X244	X245	X246	X247	X248	X249	X250	X251	X252	X253	X254	X255	X256	X257
Count	601.00	602.00	601.00	601.00	601.00	179.00	219.00	601.00	249.00	601.00	602.00	189.00	602.00	186.00	601.00	601.00	601.00
Percent	2.34	2.34	2.34	2.34	2.34	0.70	0.85	2.34	0.97	2.34	2.34	0.74	2.34	0.72	2.34	2.34	2.34

## 1.2 Less than 25% Missing



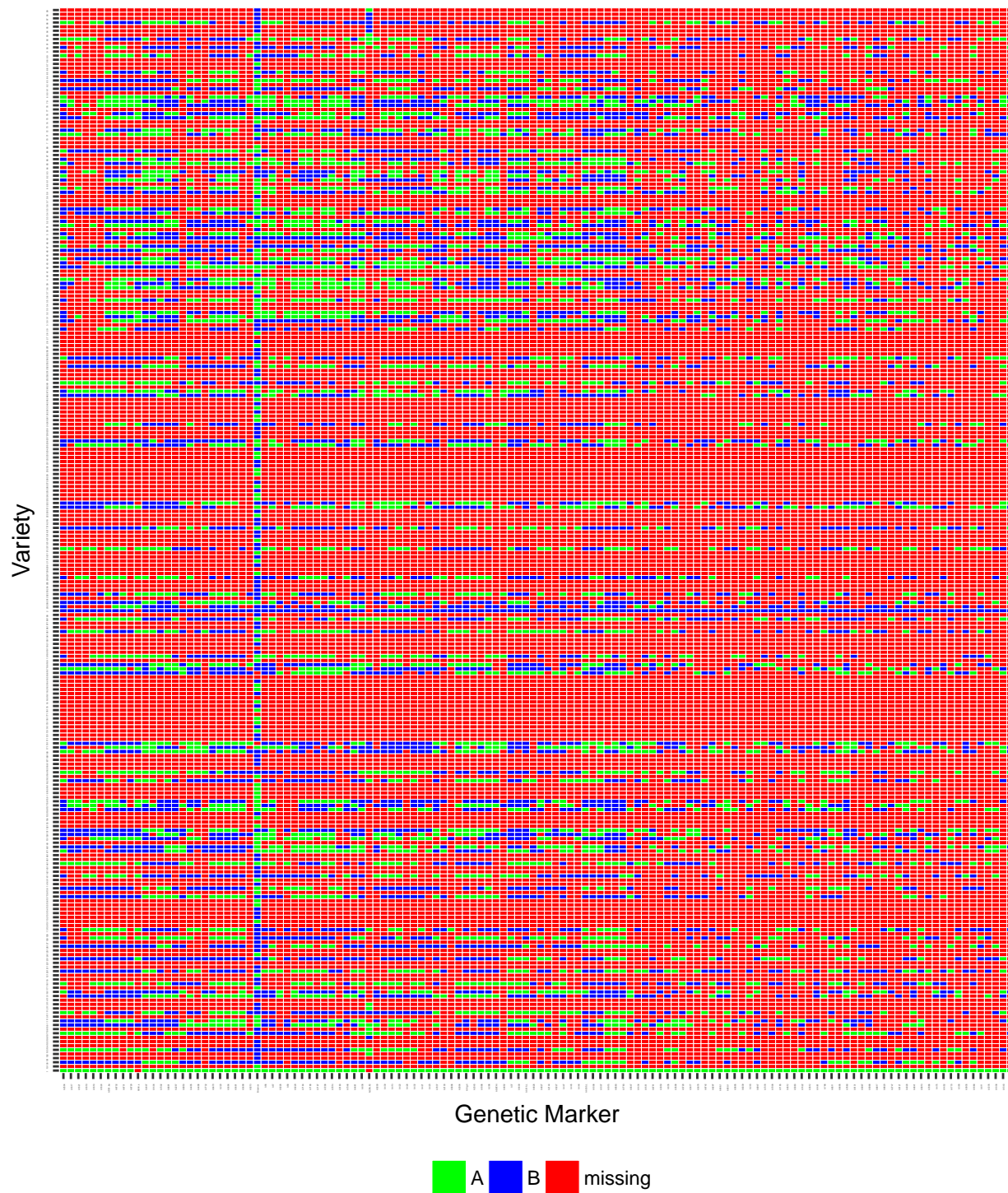
### 1.3 Less than 30% Missing

Genetic Data 25 % < 30% Missing



## 1.4 Less than 35% Missing

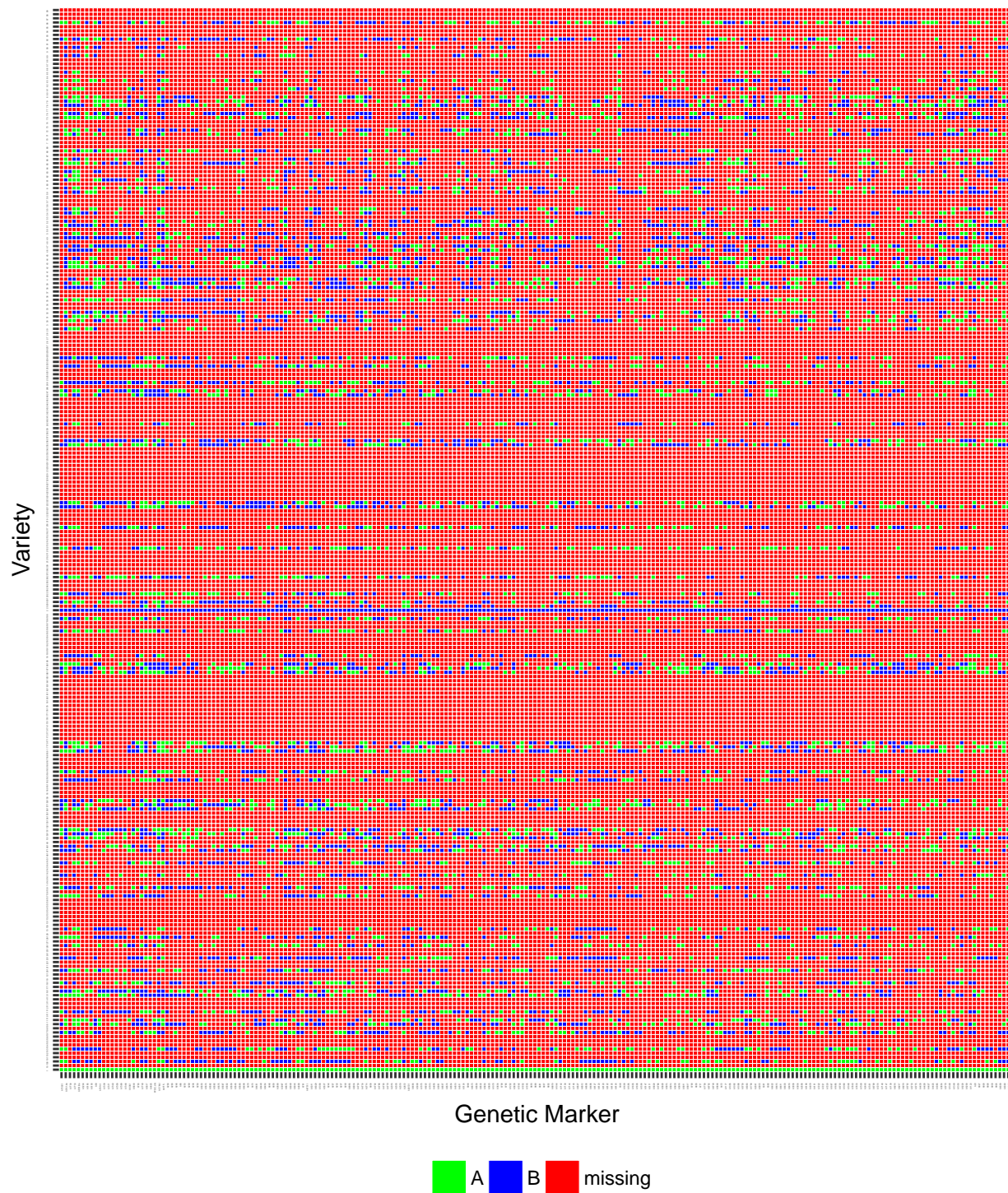
Genetic Data 30 % < 35% Missing





## 1.5 Less than 40% Missing

Genetic Data 35 % < 40% Missing





## **2 Missing-ness**