Table S2. Principal components used to map QTLs for mandible shape. %var, portion of the total skull variation explained by each PC. %cum, cumulative variance explained by the PCs. PVE, proportion of variance in the PC explained by the SNPs used in the QTL mapping. se(PVE), standard error of PVE estimate. PCA was run in MorphoJ. PVE estimates were obtained from the LMM implemented in GEMMA.

PC	%var	%cum	PVE	se(PVE)
1	14.9	14.9	72.09	10.9
2	13.8	28.7	42.29	11.1
3	9.0	37.7	35.37	10.1
4	8.5	46.2	78.19	10.0
5	6.4	52.6	32.22	11.0
6	5.8	58.4	32.73	11.5
7	5.2	63.5	49.17	10.9
8	4.3	67.8	16.50	10.8
9	3.7	71.6	34.60	11.9
10	3.2	74.7	35.01	9.5
11	2.9	77.6	35.89	11.9
12	2.6	80.2	48.10	11.1
13	2.2	82.4	47.51	10.6
14	2.1	84.5	23.58	9.9
15	1.9	86.4	49.35	11.4
16	1.7	88.0	41.04	10.2
17	1.5	89.6	23.19	12.8
18	1.3	90.9	26.29	10.4
19	1.2	92.1	52.87	10.1
20	1.1	93.2	47.94	12.2
21	1.0	94.1	31.86	11.7
SNP heritability of mandible shape			43.58	
SNP heritability of mandible size			36.40	10.20