

	Expression Data						kME	kIN	GS.trait	GS.SNP
	1	2	3	4	5	6				
Gene 1	0.86	1.34	1.2	-0.697	-1.04	-0.911	0.97	5.61	0.761	0.827
Gene 2	1.06	1.12	1.25	-1.03	-1.08	-1.19	0.992	6.29	0.727	0.808
Gene 3	-1.32	-1.24	-0.971	1.15	1.27	1.13	0.99	6.11	0.714	0.854
Gene 4	1.71	0.0125	0.113	-1.02	-0.752	-1.5	0.859	2.6	0.604	0.782
Gene 5	1.16	1.56	1.31	-1.69	-1.34	-0.286	0.911	3.88	0.508	0.683
Gene 6	-1.45	-1.02	-1.03	0.773	0.614	2.08	0.955	4.93	0.76	0.838
Gene 7	1.29	0.99	0.908	-1.23	-0.785	-1.22	0.996	6.27	0.646	0.804
Gene 8	1.47	1.6	0.0726	-1.04	-0.515	-1.66	0.914	3.7	0.627	0.883
Gene 9	-0.615	-0.451	-1.32	1.74	0.925	1.38	0.945	4.67	0.549	0.61
Gene 10	0.785	1.42	1.29	-0.462	-0.379	-1.1	0.958	5.13	0.74	0.787
trait	1	1	1	1	2	2				
SNP	2	2	1	1	0	0				
genotype	AA	AA	AB	AB	BB	BB				
ME	0.44	0.41	0.366	-0.408	-0.331	-0.477				

Supplementary Table 1: Gene expression data, kME, kIN, GS.trait, GS.SNP, trait, SNP, genotype and ME values.