

Additional file 6. QTL summary statistics for the activity traits over the seven time intervals

Time Intervals		1	2	3	4	5	6	7
Distance	No. QTLs	4	3	3	6	4	6	4
	% Var.	14.5	12.5	14.2	20.6	17.6	22.9	17.2
	%/QTLs	3.6	4.2	4.7	3.4	4.4	3.8	4.3
	Mean a	0.26	0.24	0.24	0.24	0.27	0.24	0.31
	Mean d	0.40	0.47	0.23	0.19	0.19	0.20	0.12
Duration	No. QTLs	3	2	4	4	4	3	3
	% Var.	10.1	6.4	9.7	13.8	14.5	9.6	12.7
	%/QTLs	3.4	3.2	2.4	3.5	3.6	3.2	4.2
	Mean a	0.14	0.07	0.16	0.26	0.28	0.26	0.29
	Mean d	0.48	0.55	0.41	0.26	0.22	0.19	0.23
Speed	No. QTLs	3	5	6	4	5	5	3
	% Var.	13.7	19.3	24.7	12.2	15.9	27.9	18.2
	%/QTLs	4.5	3.9	4.1	3.5	3.2	5.6	6.1
	Mean a	0.26	0.22	0.29	0.24	0.32	0.29	0.32
	Mean d	0.16	0.36	0.20	0.34	0.30	0.26	0.20

Shown are the number of QTLs affecting the activity traits over each of the seven time intervals, the percentage of variation they contribute (expressed as a total and per QTL), and the means of their absolute additive (a) and dominance genotypic values (d).