Table 6 Observed between and within sire variance (expressed as percentage of phenotypic variation) under model 2 and modle 8

Observed family components	Statistical model used	Traits							
		BWT	Percentage (%)	WWT	Percentage (%)	6WT	Percentage (%)	GFYI	Percentage (%)
σ^2s (PHS)	Model 2	0.008	3.43	0.352	5.94	0.554	6.11	0.009	10.36
σ^2w (PHS)	Model 2	0.217	96.6	5.576	94.1	8.507	93.9	0.074	89.6
σ^2s (PHS)	Model 8	0.008	3.70	0.275	4.63	0.366	4.04	0.003	3.62
σ^2w (PHS)	Model 8	0.216	96.3	5.659	95.4	8.697	96.0	0.078	96.6

Note: σ^2s between sire component of variance, σ^2w within sire component of variance, and PHS (Paternal half sibs).