

Unphenotyped offspring (candidate set) ¹²									
	TBV					GEBV			
	t600	Φ_1	Φ_2	Φ_3	t600_I	t600_II	A	B	C
TBV t600		0.995	0.203	0.036	0.930	0.934	0.899	0.923	0.364
TBV Φ_1	0.997		0.259	0.101	0.927	0.934	0.914	0.919	0.422
TBV Φ_2	0.292	0.349		0.118	0.235	0.246	0.376	0.284	0.737
TBV Φ_3	0.051	0.106	0.093		0.031	0.057	0.153	-0.031	0.389
GEBV t600_I	0.940	0.941	0.339	0.040		0.989	0.967	0.979	0.387
GEBV t600_II	0.945	0.948	0.350	0.067	0.990		0.965	0.980	0.415
GEBV A	0.912	0.928	0.485	0.136	0.971	0.967		0.952	0.584
GEBV B	0.935	0.938	0.406	-0.014	0.984	0.984	0.970		0.424
GEBV C	0.503	0.555	0.758	0.353	0.533	0.551	0.713	0.586	
Phenotyped offspring (training set) ¹²									
	TBV					GEBV			
	t600	Φ_1	Φ_2	Φ_3	t600_I	t600_II	A	B	C
TBV t600		0.995	0.258	0.139	0.940	0.940	0.926	0.935	0.443
TBV Φ_1	0.997		0.311	0.210	0.935	0.939	0.939	0.931	0.503
TBV Φ_2	0.294	0.343		0.138	0.243	0.274	0.378	0.330	0.696
TBV Φ_3	0.137	0.198	0.132		0.127	0.162	0.268	0.083	0.530
GEBV t600_I	0.944	0.941	0.294	0.113		0.991	0.968	0.979	0.417
GEBV t600_II	0.949	0.950	0.317	0.157	0.990		0.972	0.981	0.460
GEBV A	0.925	0.939	0.435	0.244	0.969	0.970		0.962	0.614
GEBV B	0.941	0.941	0.389	0.076	0.983	0.983	0.972		0.482
GEBV C	0.534	0.586	0.717	0.500	0.517	0.554	0.707	0.591	
Parents ¹²									
	TBV					GEBV			
	t600	Φ_1	Φ_2	Φ_3	t600_I	t600_II	A	B	C
TBV t600		0.985	0.099	0.092	0.916	0.910	0.885	0.914	0.315
TBV Φ_1	0.997		0.179	0.207	0.908	0.906	0.918	0.903	0.424
TBV Φ_2	0.182	0.228		0.053	0.063	0.092	0.246	0.130	0.727
TBV Φ_3	0.096	0.156	-0.055		0.100	0.124	0.242	0.022	0.443
GEBV t600_I	0.960	0.956	0.201	0.047		0.989	0.955	0.965	0.278
GEBV t600_II	0.965	0.965	0.201	0.107	0.995		0.965	0.976	0.332
GEBV A	0.941	0.956	0.376	0.163	0.963	0.971		0.936	0.502
GEBV B	0.960	0.959	0.311	-0.015	0.984	0.983	0.974		0.330
GEBV C	0.468	0.527	0.749	0.382	0.411	0.454	0.636	0.502	

¹TBV t600, Φ_1 , Φ_2 and Φ_3 : true breeding values for t600, and parameters Φ_1 , Φ_2 , Φ_3

from the logistic growth curve. GEBV t600_I, t600_II, A, B and C: genomic breeding values for t600 estimated with method I and II and for parameters A, B and C from the Gompertz curve.

²The results shown here are higher than those presented to the QTLMAS workshop since an error in the implementation was found afterwards. For the values presented at the workshop, the Pearson correlations between the true and the estimated breeding values of unphenotyped offspring using method I and II were 0.897 and 0.901, and their Spearman correlations were 0.865 and 0.871, respectively. For phenotyped offspring, the Pearson correlations were 0.916 and 0.919 and the Spearman correlations were 0.903 and 0.906, respectively.