

Table S2 Total number of lines (n) and simple matching coefficient (SM) between parental lines of 10 dent (F353 x founder) and 11 flint (UH007 x founder) families. Mean (\bar{x}), genetic variance component (σ_g^2), genotype by environment variance component (σ_{ge}^2), and heritability (h^2 ; \pm standard error) of dent and flint families estimated for days to tasseling (DtTAS).

Founder	n	SM	\bar{x}	σ_g^2	σ_{ge}^2	h^2
B73	64	0.608	83.61 \pm 0.16	0.78 \pm 0.31	2.23 \pm 0.39	0.50 \pm 0.11
D06	99	0.642	81.39 \pm 0.13	1.07 \pm 0.23	0.96 \pm 0.2	0.71 \pm 0.05
D09	100	0.668	80.52 \pm 0.15	1.54 \pm 0.31	1.62 \pm 0.24	0.73 \pm 0.05
EC169	66	0.617	81.66 \pm 0.12	0.68 \pm 0.18	0.23 \pm 0.21	0.71 \pm 0.07
F252	96	0.671	80.12 \pm 0.13	0.90 \pm 0.24	2.00 \pm 0.27	0.58 \pm 0.08
F618	104	0.645	83.81 \pm 0.14	1.12 \pm 0.27	1.65 \pm 0.32	0.62 \pm 0.07
Mo17	53	0.627	84.63 \pm 0.25	2.44 \pm 0.67	1.45 \pm 0.60	0.74 \pm 0.07
UH250	94	0.634	82.07 \pm 0.13	1.12 \pm 0.24	0.85 \pm 0.25	0.71 \pm 0.06
UH304	81	0.765	81.70 \pm 0.12	0.72 \pm 0.18	0.65 \pm 0.21	0.67 \pm 0.07
W117	84	0.625	80.69 \pm 0.14	1.04 \pm 0.25	0.82 \pm 0.26	0.70 \pm 0.06
D152	72	0.749	79.63 \pm 0.13	0.81 \pm 0.21	1.22 \pm 0.23	0.68 \pm 0.06
EC49A	29	0.656	82.39 \pm 0.24	1.17 \pm 0.47	1.89 \pm 0.47	0.70 \pm 0.09
EP44	17	0.615	84.85 \pm 0.51	3.74 \pm 1.55	1.23 \pm 0.79	0.87 \pm 0.06
EZ5	26	0.613	84.26 \pm 0.41	3.80 \pm 1.24	2.02 \pm 0.50	0.88 \pm 0.04
F03802	129	0.753	81.08 \pm 0.12	1.52 \pm 0.24	1.16 \pm 0.18	0.81 \pm 0.03
F2	54	0.723	79.45 \pm 0.20	1.62 \pm 0.41	1.37 \pm 0.28	0.80 \pm 0.05
F283	133	0.716	81.15 \pm 0.18	3.96 \pm 0.55	1.14 \pm 0.22	0.90 \pm 0.01
F64	64	0.621	84.72 \pm 0.27	4.14 \pm 0.85	1.30 \pm 0.42	0.88 \pm 0.03
UH006	94	0.791	80.17 \pm 0.15	1.79 \pm 0.33	1.09 \pm 0.22	0.83 \pm 0.03
UH009	98	0.815	80.10 \pm 0.12	1.07 \pm 0.20	0.84 \pm 0.17	0.79 \pm 0.04
DK105	95	0.738	81.15 \pm 0.23	4.55 \pm 0.74	1.04 \pm 0.27	0.91 \pm 0.02