Supplementary Table 4. Correlation among yield, yield components and morphological traits

	Y		FFW		NFM		CLU		FRU	
Genetic n=24										
Anther length (AL)	-0.25	ns	0.23	ns	-0.41	*	0.13	ns	-0.58	**
Petal length (PL)	-0.23	ns	0.36	ns	-0.49	*	0.06	ns	-0.62	**
Ovary length (OL)	-0.23	ns	0.26	ns	-0.41	*	0.18	ns	-0.64	***
Ovary diameter (OD)	-0.19	ns	0.07	ns	-0.41	ns	-0.33	ns	-0.23	ns
Stigma exertion (STE)	-0.14	ns	0.29	ns	-0.24	ns	0.37	ns	-0.53	**
Number of petals (NP)	0.19	ns	0	ns	-0.02	ns	-0.19	ns	0.01	ns
Number of flowers (NFL)	0.12	ns	-0.27	ns	0.19	ns	0.41	*	-0.03	ns
Number of set flowers (NSF)	0.38	ns	-0.3	ns	0.51	*	0.25	ns	0.37	ns
Number of locules (NLC)	0.08	ns	0.21	ns	-0.28	ns	-0.45	*	-0.06	ns
Stem diameter (SD)	-0.03	ns	0.22	ns	-0.21	ns	0.34	ns	-0.54	**
Cluster phenology (CGDD)	-0.02	ns	0.38	ns	-0.52	**	-0.9	***	-0.06	ns
Fruit weight (WG)	0.23	ns	0.79	***	-0.54	**	-0.15	ns	-0.62	**
Phenotypic=365										
Anther length (AL)	-0.02	ns	0.17	**	-0.16	**	0.04	ns	-0.19	***
Petal length (PL)	0.01	ns	0.23	***	-0.18	***	0.02	ns	-0.2	***
Ovary length (OL)	-0.04	ns	0.14	***	-0.15	**	0.01	ns	-0.19	***
Ovary diameter (OD)	0.01	ns	0.26	***	-0.24	***	-0.11	*	-0.17	***
Stigma exertion (STE)	-0.03	ns	0.1	*	-0.07	ns	0.21	***	-0.29	***
Number of petals (NP)	0.09	ns	0.18	***	-0.09	ns	-0.09	ns	-0.02	ns
Number of flowers (NFL)	0.14	**	-0.06	ns	0.18	***	0.1	*	0.11	*
Number of set flowers (NSF)	0.21	***	-0.17	***	0.35	***	0.14	**	0.27	***
Number of locules (NLC)	0.07	ns	0.32	***	-0.2	***	-0.21	***	-0.08	ns
Stem diameter (SD)	0.43	***	0.16	**	0.27	***	0.32	***	0.03	ns
Cluster phenology (CGDD)	-0.33	***	0.2	***	-0.53	***	-0.9	***	0.1	ns
Fruit weight (WG)	0.31	***	0.71	***	-0.3	***	-0.08	ns	-0.3	***

Significance of the correlation *: p -value ≤ 0.05; **: p -value ≤ 0.01; ***: p -value ≤ 0.001, ns: not significant