

Online Resource 2. Heterozygosity of *Cucurbita pepo* groupings. Li Gong et al., Genetic relationships and evolution in *Cucurbita pepo* (pumpkin, squash, gourd) as revealed by simple sequence repeat polymorphisms. Theoretical and Applied Genetics.

Grouping	No. accessions*	Average heterozygosity	Range of heterozygosity
T-AC	4	3.17	0.00—6.34
T-CN	3	11.27	2.82—17.61
T-GO	4	11.27	0.70—21.83
T-GT	4	1.23	0.00—2.11
T-SC	2	2.47	1.41—3.52
T-SN	4	3.70	0.70—7.75
All T accessions	21	5.53	0.00—21.83
P-CO	18	9.00	1.41—21.83
P-GP	4	4.05	0.70—10.56
P-PU	25	9.01	0.00—23.94
P-VM	10	9.30	0.00—26.06
P-ZU	2	4.23	4.23—4.23
All P accessions	59	8.56	0.00—26.06
F-GF	5	3.66	0.00—8.45
Q-GQ	1	11.97	—
U-GU	3	7.98	5.63—11.27
All accessions*	89	7.60	0.00—26.06

*Accessions with one or more non-scorable loci on the gels are excluded.