

Table S1 Transitions and Transversions in Cotton SNP index and Maize HapMaps 1 and 2.

	Cotton		Maize (gen 1)		Maize (gen 2)	
C/T	770,845	29.7%	17,342,963	25.0%	16,980,248	33.5%
G/A	772,668	29.7%	10,604,324	25.6%	17,187,326	33.9%
Transition	1,543,513	59.4%	27,947,287	50.6%	34,167,574	67.4%
C/G	174,412	6.7%	3,177,765	9.2%	3,114,389	6.1%
A/T	381,403	14.7%	4,530,516	7.8%	4,430,958	8.7%
C/A	249,792	9.6%	4,630,754	15.4%	4,517,629	8.9%
T/G	249,872	9.6%	4,520,730	16.9%	4,436,275	8.8%
Transversion	1,055,479	40.6%	16,859,765	49.4%	16,499,251	32.6%
Total	2,598,992		44,807,052		50,666,825	