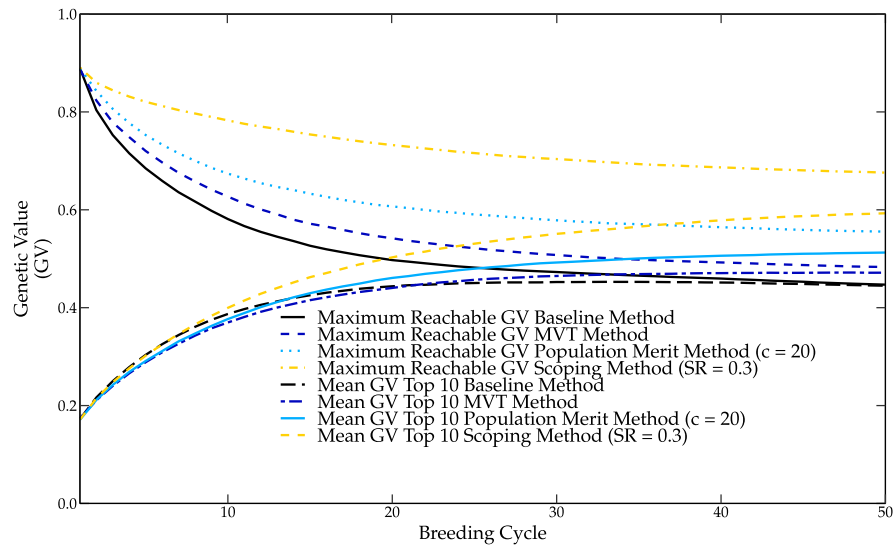


**Figure S1** The mean genetic value of the top 10 individuals using the baseline, maximum variance total (MVT), population merit and scoping methods simulated over 50 breeding cycles with 50 QTL.



**Figure S1** The mean genetic value of the top 10 individuals using the baseline, maximum variance total (MVT), population merit and scoping methods simulated over 50 breeding cycles with 200 QTL.