

| SSRs microsatellites | Cheap, generates only limited numbers of markers, alleles detected | Transferable to other populations and labs if controlled | Fingerprinting Used to generate maps |
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| DArT | Limit number of markers | Transferable | GWAS, genetic mapping |
| AFLP | Random, No sequence information, a lot of work to generate limited number of markers | Not transferable | GWAS, genetic mapping |
| RADseq Restriction site associated DNA sequence | Large numbers of markers, \$79/sample Random sites, specific to population used, 60 bp sequence | Not directly transferable | Genetic mapping, Genome wide association studies |
| GBS Genotype by sequencing | Expensive, 60-70 bp of sequence | Not directly transferable | GWAS, association mapping |
| Targeted GBS | Expensive, sequence information needed | Transferable | GWAS |
| SNP chip | Expensive, sequence information needed | Transferable | GWAS, genetic mapping |