

Table S2 summary of SNPs and INDELs(For the parental generation)

Sample name	SNP count	SNP_heterozygote	SNP_homozygote	INDEL count	INDEL_heterozygote	INDEL_homozygote
D1	3,740,793	1,916,991	1,823,802	987,026	507,599	479,427
D10	3,799,442	1,891,635	1,907,807	1,004,868	500,671	504,197
D2	3,814,457	1,944,581	1,869,876	1,025,755	524,562	501,193
D3	3,782,208	1,972,425	1,809,783	972,894	496,835	476,059
D4	4,321,672	2,881,169	1,440,503	1,110,331	720,460	389,871
D5	3,638,459	1,744,634	1,893,825	930,182	436,962	493,220
D6	3,841,188	2,034,478	1,806,710	1,000,057	518,636	481,421
D7	3,834,455	1,963,263	1,871,192	1,005,959	506,655	499,304
D8	3,571,096	1,743,070	1,828,026	909,247	439,219	470,028
D9	3,734,737	1,854,546	1,880,191	959,457	468,968	490,489