| Chr. | $N_{\text {all }}$ | $N_{\text {TGP }}$ | $N_{\text {SGDP }}$ | $N_{\text {Combined }}$ | Haplotype pairs analyzed in TGP |  |  | Haplotype pairs analyzed in SGDP |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Sum = | Concordant + | Discordant | Sum = | Concordant + | Discordant |
| 1 | 3,603,845 | 3,434,810 | 1,242,878 | 1,073,843 | 2,361,753,523 = | 670,234,719 + | 1,691,518,804 | 178,223,566 = | 57,340,106 + | 120,883,460 |
| 2 | 3,909,601 | 3,727,112 | 1,354,976 | 1,172,487 | 2,552,046,545 = | 717,105,655 + | 1,834,940,890 | 193,049,416 = | 61,961,663 + | 131,087,753 |
| 3 | 3,246,604 | 3,078,989 | 1,184,447 | 1,016,832 | 2,121,176,886 = | 604,531,045 + | 1,516,645,841 | 170,540,962 = | 55,202,026 + | 115,338,936 |
| 4 | 3,207,690 | 3,055,978 | 1,156,613 | 1,004,901 | $2,122,460,565=$ | 616,887,880 + | 1,505,572,685 | 167,838,575 = | 55,197,442 + | 112,641,133 |
| 5 | 2,936,062 | 2,777,306 | 1,054,634 | 895,878 | 1,909,734,447 = | 541,892,101 + | 1,367,842,346 | 151,025,979 = | 48,366,615 + | 102,659,364 |
| 6 | 2,841,180 | 2,703,481 | 1,023,730 | 886,031 | 1,883,434,856 = | 551,467,803 + | 1,331,967,053 | 148,183,411 = | 48,575,536 + | 99,607,875 |
| 7 | 2,651,520 | 2,530,710 | 895,609 | 774,799 | 1,748,759,380 = | 502,479,763 + | 1,246,279,617 | 129,367,159 = | 42,116,601 + | 87,250,558 |
| 8 | 2,574,597 | 2,446,808 | 918,980 | 791,191 | 1,681,198,356 = | 475,982,722 + | 1,205,215,634 | 131,959,407 = | 42,552,249 + | 89,407,158 |
| 9 | 1,992,571 | 1,898,132 | 695,180 | 600,741 | 1,306,395,549 = | 371,461,422 + | 934,934,127 | 100,294,995 = | 32,686,939 + | 67,608,056 |
| 10 | 2,246,011 | 2,145,420 | 786,737 | 686,146 | 1,484,038,224 = | 426,770,806 + | 1,057,267,418 | 114,586,646 = | 37,957,269 + | 76,629,377 |
| 11 | 2,241,144 | 2,144,729 | 758,739 | 662,324 | 1,477,906,889 = | 421,948,241 + | 1,055,958,648 | 109,601,162 = | 35,707,665 + | 73,893,497 |
| 12 | 2,152,949 | 2,051,957 | 747,059 | 646,067 | 1,418,690,735 = | 407,634,945 + | 1,011,055,790 | 108,059,559 = | 35,361,194+ | 72,698,365 |
| 13 | 1,595,057 | 1,517,081 | 591,225 | 513,249 | 1,052,112,658 = | 304,833,376 + | 747,279,282 | 85,982,601 = | 28,409,968 + | 57,572,633 |
| 14 | 1,477,988 | 1,406,101 | 523,596 | 451,709 | 970,068,468 = | 277,776,895 + | 692,291,573 | 75,600,107 = | 24,647,165+ | 50,952,942 |
| 15 | 1,351,709 | 1,287,260 | 466,764 | 402,315 | 885,168,969 = | 251,621,540 + | 633,547,429 | 67,128,688 = | 21,737,994 + | 45,390,694 |
| 16 | 1,501,059 | 1,431,898 | 497,060 | 427,899 | 976,581,337 = | 271,471,963 + | 705,109,374 | 71,332,335 = | 22,986,825 + | 48,345,510 |
| 17 | 1,290,584 | 1,230,848 | 416,535 | 356,799 | 840,095,235 = | 234,006,858 + | 606,088,377 | 59,898,160 $=$ | 19,313,408 + | 40,584,752 |
| 18 | 1,275,859 | 1,212,338 | 477,771 | 414,250 | 838,516,668 = | 241,202,386 + | 597,314,282 | 69,122,568 = | 22,576,114 + | 46,546,454 |
| 19 | 1,028,005 | 993,091 | 252,473 | 217,559 | 685,952,950 = | 196,580,072 + | 489,372,878 | 36,536,015 = | 11,914,815 + | 24,621,200 |
| 20 | 1,016,303 | 964,721 | 363,883 | 312,301 | 663,506,829 = | 187,934,142 + | 475,572,687 | 52,243,054 = | 16,822,189 + | 35,420,865 |
| 21 | 628,110 | 596,192 | 226,055 | 194,137 | 412,235,218 = | 118,511,806 + | 293,723,412 | 32,855,224 = | 10,805,152 + | 22,050,072 |
| 22 | 625,257 | 597,558 | 199,880 | 172,181 | 413,241,926 = | 119,074,286 + | 294,167,640 | 28,956,345 = | 9,502,483 + | 19,453,862 |
| Total | 45,393,705 | 43,232,520 | 15,834,824 | 13,673,639 | $\mathbf{2 9 , 8 0 5 , 0 7 6 , 2 1 3}=8,511,410,426+21,293,665,787$ |  |  | $\mathbf{2 , 2 8 2 , 3 8 5 , 9 3 4}=741,741,418+1,540,644,516$ |  |  |

