| No | Sample type | Time point | Total reads | Aligned (%) | Dup rate (%) | Unique reads | Mean target coverage | On-target rate (%) |
|----|-------------|------------|-------------|-------------|-------------|--------------|---------------------|------------------|
| 1  | cfDNA       | S001       | 40,399,590  | 87.5        | 50.2        | 17,580,064  | 2,555.15            | 16.57            |
| 1  | cfDNA       | S002       | 36,468,790  | 92.2        | 57.7        | 14,221,322  | 1,857.91            | 12.67            |
| 1  | WBC         | N001       | 77,530,576  | 98.0        | 65.6        | 26,126,220  | 3,298.32            | 9.93             |
| 2  | cfDNA       | S001       | 87,553,426  | 84.0        | 75.8        | 17,745,680  | 3,463.13            | 10.9             |
| 2  | cfDNA       | S002       | 24,011,972  | 96.9        | 24.2        | 17,630,698  | 3,314.12            | 32.6             |
| 2  | WBC         | N001       | 55,826,506  | 97.8        | 35.7        | 35,086,722  | 5,445.01            | 22.86            |
| 3  | cfDNA       | S001       | 82,646,210  | 93.7        | 63.0        | 28,662,768  | 4,375.27            | 12.93            |
| 3  | cfDNA       | S002       | 88,135,870  | 97.6        | 63.9        | 30,997,900  | 4,549.44            | 12.11            |
| 3  | cfDNA       | S003       | 97,026,828  | 90.4        | 74.5        | 22,307,668  | 3,039.62            | 7.93             |
| 3  | WBC         | N001       | 83,399,402  | 97.8        | 65.6        | 28,016,356  | 3,920.69            | 11.01            |
| 4  | cfDNA       | S001       | 71,046,446  | 61.1        | 72.3        | 16,952,828  | 3,313.72            | 12.54            |
| 4  | cfDNA       | S002       | 22,200,908  | 20.0        | 25.2        | 14,992,718  | 2,942.12            | 33.59            |
| 4  | cfDNA       | S003       | 29,098,320  | 28.1        | 33.6        | 18,695,894  | 3,640.25            | 19.7             |
| 4  | WBC         | N001       | 78,239,428  | 76.6        | 36.4        | 48,703,104  | 7,527.56            | 22.54            |
| 5  | cfDNA       | S001       | 24,421,364  | 20.3        | 75.1        | 5,054,018   | 981.86              | 11.17            |
| 5  | cfDNA       | S002       | 28,110,102  | 27.5        | 27.6        | 19,955,140  | 3,690.56            | 30.64            |
| 5  | cfDNA       | S003       | 30,662,202  | 26.2        | 33.1        | 17,562,058  | 3,224.69            | 18.85            |
| 5  | WBC         | N001       | 62,582,648  | 61.2        | 53.4        | 28,481,122  | 4,410.52            | 16.53            |
| 6  | cfDNA       | S001       | 83,746,040  | 82.6        | 56.1        | 30,403,648  | 5,510.63            | 9.73             |
| 6  | cfDNA       | S002       | 103,929,328 | 82.8        | 58.5        | 35,635,748  | 6,285.04            | 8.92             |
| 6  | WBC         | N001       | 70,201,286  | 97.9        | 51.7        | 33,155,058  | 4,387.65            | 7.73             |
| 7  | cfDNA       | S001       | 87,731,594  | 74.1        | 59.3        | 30,185,834  | 5,700.1             | 17.61            |
| 7  | cfDNA       | S002       | 71,986,890  | 60.3        | 59.5        | 24,391,804  | 4,800.2             | 18.41            |
| 7  | cfDNA       | S003       | 26,945,342  | 24.3        | 33.3        | 16,243,498  | 3,112.13            | 19.58            |
| 7  | cfDNA       | S004       | 36,809,406  | 31.6        | 33.3        | 21,129,056  | 3,821.01            | 18.58            |
| 7  | WBC         | N001       | 71,297,794  | 69.8        | 51.3        | 33,992,072  | 4,937.82            | 16.22            |
| 8  | cfDNA       | S001       | 151,192,036 | 91.4        | 55.3        | 61,801,850  | 11,034.64           | 9.75             |
| 8  | cfDNA       | S002       | 36,464,014  | 94.3        | 31.4        | 23,603,808  | 4,691.56            | 20.74            |
| 8  | cfDNA       | S003       | 36,013,380  | 84.0        | 33.8        | 20,027,360  | 3,729.97            | 18.76            |
| 8  | WBC         | N001       | 71,041,708  | 98.3        | 50.7        | 34,425,260  | 4,878.71            | 8.57             |
| 9  | cfDNA       | S001       | 30,886,186  | 89.9        | 50.8        | 13,646,984  | 2606.89             | 21.71            |
| 9  | cfDNA       | S002       | 58,624,978  | 93.7        | 49.4        | 27,774,668  | 5299.95             | 22.3             |
|   | cfDNA | S003 | 27,375,156 | 26.5 | 32.7 | 17,835,156 | 3,597.72 | 20.61 |
|---|-------|------|------------|------|------|------------|---------|-------|
| 9 | WBC   | N001 | 70,325,310 | 98.5 | 47.2 | 36,569,052 | 6,052.23 | 20.19 |
| 10| cfDNA | S001 | 47,292,918 | 83.2 | 50.3 | 19,547,288 | 3,758.92 | 22.07 |
| 10| cfDNA | S002 | 54,934,328 | 87.4 | 47.8 | 25,039,968 | 4,485.48 | 21.6 |
| 10| cfDNA | S003 | 33,087,268 | 96.9 | 34.3 | 21,066,752 | 4,166.36 | 19.73 |
| 10| WBC   | N001 | 67,336,636 | 98.3 | 46.6 | 35,311,616 | 5,764.96 | 20.13 |
| 11| cfDNA | S001 | 146,950,068| 85.3 | 53.8 | 57,933,918 | 11,339.57| 20.91 |
| 11| cfDNA | S002 | 124,707,764| 85.5 | 53.0 | 50,058,256 | 9,729.34 | 21.09 |
| 11| cfDNA | S003 | 35,405,426 | 84.1 | 48.5 | 39,491,190 | 7,796.83 | 23.47 |
| 11| WBC   | N001 | 81,105,756 | 97.8 | 48.6 | 40,735,528 | 6,383.77 | 18.6 |
| 12| cfDNA | S001 | 97,219,714 | 84.0 | 49.7 | 41,053,806 | 8,092.41 | 22.9 |
| 12| cfDNA | S002 | 90,908,584 | 84.4 | 48.5 | 39,491,190 | 7,796.83 | 23.47 |
| 12| cfDNA | S003 | 36,419,760 | 81.3 | 30.1 | 20,691,320 | 3,957.32 | 20.35 |
| 12| WBC   | N001 | 78,390,622 | 97.9 | 49.8 | 38,472,046 | 6,164.51 | 18.58 |
| 13| cfDNA | S001 | 125,854,594| 89.1 | 48.1 | 58,137,510 | 11,006.66| 22.69 |
| 13| cfDNA | S002 | 57,753,856 | 83.8 | 42.0 | 28,057,448 | 5,213.66 | 16.45 |
| 13| cfDNA | S003 | 39,365,014 | 73.5 | 29.1 | 20,503,880 | 3,739.7 | 19.72 |
| 13| cfDNA | S004 | 30,746,278 | 88.3 | 29.9 | 19,034,980 | 3,750.07 | 20.99 |
| 13| WBC   | N001 | 71,325,116 | 97.9 | 48.9 | 35,642,104 | 5,649.45 | 18.71 |
| 14| cfDNA | S001 | 79,664,774 | 84.7 | 74.0 | 17,555,848 | 3,434.1 | 11.77 |
| 14| cfDNA | S002 | 44,361,714 | 94.1 | 41.5 | 24,426,244 | 4,653.46 | 25.55 |
| 14| WBC   | N001 | 55,923,828 | 97.8 | 35.8 | 35,095,272 | 5,415.81 | 22.7 |
| 15| cfDNA | S001 | 119,296,168| 83.7 | 51.5 | 48,367,000 | 9,551.61 | 22.13 |
| 15| cfDNA | S002 | 142,112,120| 89.4 | 52.1 | 60,867,868 | 12,006.2 | 21.84 |
| 15| cfDNA | S003 | 38,091,576 | 31.3 | 29.3 | 22,169,228 | 4,166.0 | 20.23 |
| 15| cfDNA | S004 | 36,887,726 | 32.6 | 31.0 | 22,548,222 | 4,249.26 | 19.8 |
| 15| WBC   | N001 | 68,583,724 | 98.4 | 46.6 | 36,015,682 | 5,974.18 | 20.46 |
| 16| cfDNA | S001 | 117,959,520| 86.1 | 50.0 | 50,812,642 | 9,917.09 | 22.56 |
| 16| WBC   | N001 | 66,455,294 | 98.4 | 47.0 | 34,626,906 | 5,668.53 | 20.03 |
| 17| cfDNA | S001 | 85,933,556 | 85.3 | 53.6 | 34,019,966 | 6,666.58 | 21.02 |
| 17| cfDNA | S002 | 75,381,364 | 83.7 | 53.0 | 29634522 | 5,732.05 | 21 |
| 17| cfDNA | S004 | 37,586,872 | 31.2 | 27.3 | 22,716,926 | 4,224.23 | 20.78 |
| 17| WBC   | N001 | 81,039,888 | 97.8 | 49.7 | 39,888,770 | 6,306.54 | 18.39 |
| 18| cfDNA | S001 | 41,839,300 | 85.5 | 25.9 | 30,998,942 | 4,729.37 | 20.16 |
| 18| cfDNA | S002 | 28,721,610 | 85.3 | 27.1 | 20,915,666 | 3,130.22 | 19.56 |
| 18| WBC   | N001 | 27,812,498 | 98.0 | 42.1 | 16,087,402 | 3,235.16 | 18.35 |
|   | cfDNA | S001 | 27,644,958 | 23.5 | 23.4 | 18,021,430 | 3,543.66 | 23.19 |
|---|-------|------|------------|------|------|------------|----------|------|
|   | WBC   | N001 | 43,100,288 | 42.1 | 38.6 | 25,827,034 | 5,614.53 | 20.42 |
| 19| cfDNA | S001 | 45,791,292 | 41.4 | 24.1 | 31,465,962 | 6,086.31 | 22.57 |
| 20| WBC   | N001 | 42,991,316 | 42.1 | 35.9 | 26,989,952 | 5,822.95 | 21.17 |
| 20| cfDNA | S001 | 75,964,982 | 85.8 | 74.9 | 16,307,632 | 3,091.82 | 10.98 |
| 21| cfDNA | S002 | 72,596,404 | 83.9 | 48.8 | 31,182,778 | 6,109.67 | 22.95 |
| 21| cfDNA | S003 | 41,474,090 | 90.8 | 29.8 | 26,431,122 | 4,656.47 | 18.92 |
| 21| WBC   | N001 | 69,177,030 | 97.6 | 53.3 | 31,503,860 | 4,811.75 | 16.34 |
| 22| cfDNA | S001 | 26,699,264 | 89.3 | 34.7 | 17,424,628 | 2,978.24 | 19.02 |
| 22| cfDNA | S002 | 50,056,048 | 92.0 | 37.5 | 31,256,632 | 5,435.34 | 17.93 |
| 22| WBC   | N001 | 32,184,848 | 98.3 | 44.8 | 17,744,826 | 3,686.15 | 17.98 |
| 23| cfDNA | S001 | 88,433,930 | 82.9 | 42.8 | 41,881,074 | 5,134.498 | 16.2 |
| 23| cfDNA | S002 | 89,910,774 | 83.0 | 43.4 | 42,208,992 | 5,406.5204 | 16.76 |
| 23| cfDNA | S003 | 84,375,644 | 83.5 | 68.4 | 22,260,170 | 3,585.7408 | 11.77 |
| 23| cfDNA | S004 | 77,703,714 | 97.2 | 37.3 | 47,317,498 | 7,457.9933 | 23.24 |
| 23| WBC   | N001 | 81,731,610 | 85.5 | 42.9 | 39,887,630 | 4,756.7551 | 15.76 |
| 24| cfDNA | S001 | 72,587,052 | 64.8 | 42.5 | 37,219,226 | 4,261.16 | 15.25 |
| 24| cfDNA | S002 | 65,829,494 | 56.3 | 43.8 | 31,633,856 | 3,663.97 | 15.12 |
| 24| cfDNA | S003 | 100,473,388 | 90.2 | 39.3 | 54,673,516 | 8,965.5 | 23.01 |
| 24| cfDNA | S004 | 34,337,944 | 29.5 | 36.2 | 18,806,426 | 3,359.71 | 17.83 |
| 24| WBC   | N001 | 81,033,738 | 79.0 | 37.8 | 49,134,040 | 7,837.08 | 23.3 |
| 25| cfDNA | S001 | 101,687,988 | 92.8 | 72.9 | 25,091,418 | 4,826.19 | 12.05 |
| 25| cfDNA | S002 | 91,245,420 | 75.5 | 55.2 | 33,824,090 | 5,336.48 | 16.23 |
| 25| cfDNA | S003 | 43,336,570 | 35.1 | 34.2 | 23,086,706 | 4,484.8 | 19.5 |
| 25| cfDNA | S004 | 35,291,526 | 31.8 | 32.3 | 21,524,776 | 3,569.36 | 17.31 |
| 25| WBC   | N001 | 54,121,292 | 52.2 | 33.2 | 34,859,290 | 5,952.42 | 26.93 |
| 26| cfDNA | S001 | 98,245,420 | 92.6 | 74.8 | 22,910,846 | 4,254.49 | 10.84 |
| 26| cfDNA | S002 | 44,728,206 | 86.3 | 42.3 | 22,241,244 | 4,359 | 25.86 |
| 26| cfDNA | S003 | 34,369,786 | 87.1 | 34.4 | 19,631,888 | 3,429.02 | 17.65 |
| 26| cfDNA | S004 | 48,555,482 | 85.2 | 34.8 | 26,971,222 | 4,990.32 | 18.44 |
| 26| cfDNA | S005 | 30,013,982 | 92.1 | 36.1 | 17,724,476 | 3,467.29 | 19.08 |
| 26| WBC   | N001 | 56,454,662 | 97.9 | 35.4 | 35,710,002 | 5,521.74 | 22.91 |
| 27| cfDNA | S001 | 85,610,436 | 71.4 | 57.2 | 30,521,958 | 6,082.15 | 19.7 |
| 27| cfDNA | S002 | 48,761,328 | 40.8 | 49.7 | 20,527,776 | 4,055.25 | 22.74 |
| 27| cfDNA | S003 | 26,645,286 | 21.8 | 33.1 | 14,620,160 | 2,706.02 | 19.04 |
| 27| cfDNA | S004 | 31,668,846 | 26.1 | 35.0 | 17,002,350 | 3,137.62 | 18.35 |
|    |        |        |    |    |    |    |    |
|----|--------|--------|----|----|----|----|----|
| 27 | WBC    | N001   | 69,601,630 | 68.0 | 53.2 | 31,821,960 | 4,772.99 | 16.1 |
| 28 | cfDNA  | S001   | 41,904,910 | 40.7 | 53.5 | 18,927,288 | 3,582.59 | 20.34 |
| 28 | cfDNA  | S002   | 81,686,046 | 67.5 | 49.9 | 33,794,306 | 6,591.18 | 22.35 |
| 28 | cfDNA  | S003   | 41,002,642 | 33.8 | 34.2 | 22,270,612 | 4,133.25 | 18.64 |
| 28 | cfDNA  | S004   | 40,297,960 | 33.9 | 32.5 | 22,885,922 | 4,179.86 | 18.91 |
| 28 | WBC    | N001   | 77,840,294 | 76.2 | 51.7 | 36,798,404 | 5,528.68 | 16.64 |
| 29 | cfDNA  | S001   | 95,960,934 | 82.6 | 58.3 | 34,451,156 | 6,746.07 | 18.69 |
| 29 | cfDNA  | S002   | 102,682,258 | 85.8 | 51.4 | 41,655,038 | 8,153.73 | 21.98 |
| 29 | cfDNA  | S003   | 41,688,714 | 34.6 | 33.4 | 23,091,382 | 4,309.52 | 18.98 |
| 29 | cfDNA  | S004   | 38,702,488 | 36.6 | 31.3 | 25,175,490 | 5,133.53 | 21.03 |
| 29 | WBC    | N001   | 74,483,072 | 72.6 | 51.3 | 35,355,176 | 5,318.07 | 16.8  |
| 30 | cfDNA  | S001   | 87,263,206 | 71.5 | 46.4 | 38,234,800 | 6,520.51 | 20.89 |
| 30 | cfDNA  | S002   | 49,667,258 | 36.4 | 52.6 | 17,286,058 | 2,112.5 | 13.27 |
| 30 | cfDNA  | S003   | 34,610,452 | 28.4 | 33.3 | 18,925,540 | 3,587.43 | 19.3  |
| 30 | WBC    | N001   | 53,328,084 | 52.1 | 51.4 | 25,339,792 | 3,856.9 | 16.96 |
| 31 | cfDNA  | S001   | 73,952,162 | 55.3 | 50.5 | 27,409,156 | 3,433.84 | 14.22 |
| 31 | cfDNA  | S002   | 65,585,590 | 52.4 | 52.0 | 25,125,276 | 2,988.88 | 13.07 |
| 31 | cfDNA  | S003   | 28,547,976 | 26.8 | 31.6 | 18,388,298 | 3,770.31 | 21.3  |
| 31 | WBC    | N001   | 83,321,476 | 81.0 | 50.1 | 40,434,924 | 5,609.56 | 16.16 |
| 32 | cfDNA  | S001   | 100,507,916 | 86.7 | 50.6 | 43,033,542 | 5,319.32 | 13.99 |
| 32 | cfDNA  | S002   | 65,169,840 | 79.0 | 50.0 | 25,730,304 | 2,984.19 | 13.39 |
| 32 | cfDNA  | S003   | 37,631,962 | 81.7 | 31.9 | 20,947,918 | 3,920.54 | 19.44 |
| 32 | cfDNA  | S004   | 41,828,824 | 97.1 | 30.4 | 28,277,504 | 5,816.27 | 21.68 |
| 32 | WBC    | N001   | 76,960,534 | 97.0 | 49.4 | 37,752,320 | 5,229.54 | 16.35 |
| 34 | cfDNA  | S001   | 67,347,128 | 87.4 | 37.6 | 41,996,356 | 6,319.81 | 16.4  |
| 34 | cfDNA  | S002   | 53,731,634 | 90.5 | 36.8 | 33,947,206 | 5,785.46 | 18.11 |
| 34 | cfDNA  | S004   | 38,485,936 | 34.5 | 27.6 | 25,036,306 | 5,100.72 | 22.37 |
| 34 | WBC    | N001   | 33,828,088 | 98.2 | 39.5 | 20,445,706 | 4,240.22 | 19.76 |
| 35 | cfDNA  | S001   | 30,655,880 | 83.8 | 34.9 | 16,730,860 | 3,199.52 | 19.05 |
| 35 | cfDNA  | S002   | 29,952,796 | 90.4 | 35.7 | 17,399,612 | 3,507.48 | 19.72 |
| 35 | WBC    | N001   | 25,126,754 | 98.2 | 40.4 | 14,687,446 | 3,132.43 | 19.64 |
| 36 | cfDNA  | S001   | 26,716,590 | 84.0 | 27.2 | 16,346,882 | 3,086.79 | 21.1  |
| 36 | WBC    | N001   | 2,547,358  | 75.0 | 39.1 | 1,163,350  | 219.26  | 18.1  |
| 37 | cfDNA  | S001   | 32,913,232 | 83.2 | 24.2 | 20754,302  | 3,903.55 | 21.87 |
| 37 | WBC    | N001   | 51,893,604 | 97.8 | 41.2 | 29797,032  | 6,257.58 | 18.9  |
| 38 | cfDNA  | S001   | 33,661,024 | 28.2 | 22.7 | 21848,230  | 4,149.68 | 22.5  |
|   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|
| 38 | cfDNA | S001 | 45,328,816 | 41.6 | 22.2 | 32,375,164 | 6,070.76 | 22.75 |
| 38 | WBC  | N001 | 53,666,878 | 52.6 | 38.8 | 32,214,790 | 6,904.34 | 20.12 |
| 38 | WBC  | N001 | 44,608,522 | 43.6 | 40.4 | 25,952,688 | 5,542.76 | 19.48 |
| 39 | cfDNA | S001 | 33,573,164 | 28.6 | 22.6 | 22,161,986 | 4,116.2 | 22.21 |
| 39 | WBC  | N001 | 45,307,236 | 44.1 | 39.3 | 26,824,668 | 5,723.4 | 19.86 |
| 40 | cfDNA | S001 | 50,716,552 | 85.9 | 52.8 | 20,570,958 | 4,000.26 | 21.22 |
| 40 | WBC  | N001 | 85,121,674 | 98.4 | 52.0 | 40,222,524 | 6,708.33 | 18.51 |
| 41 | cfDNA | S001 | 22,377,606 | 84.4 | 41.2 | 11,108,022 | 2,099  | 16.95 |
| 41 | cfDNA | S002 | 47,865,826 | 89.5 | 37.3 | 26,856,666 | 4,918.62 | 17.65 |
| 41 | WBC  | N001 | 26,562,174 | 97.9 | 39.5 | 15,734,008 | 3,353.95 | 19.91 |
| 42 | cfDNA | S001 | 58,334,304 | 87.7 | 34.8 | 33,354,346 | 5,439.96 | 16.34 |
| 42 | WBC  | N001 | 23,957,860 | 98.4 | 44.5 | 13,086,312 | 2,783.99 | 18.28 |
| 43 | cfDNA | S001 | 22,615,746 | 85.3 | 28.1 | 13,877,364 | 2,688.59 | 21.19 |
| 43 | cfDNA | S002 | 36,099,002 | 93.1 | 28.8 | 23,946,366 | 4,839.9 | 21.88 |
| 43 | WBC  | N001 | 30,000,016 | 98.2 | 45.2 | 16,154,488 | 3,494.64 | 18.31 |
| 44 | cfDNA | S001 | 22,437,988 | 98.5 | 28.6 | 15,322,900 | 3,059.03 | 23.64 |
| 44 | WBC  | N001 | 47,978,268 | 46.8 | 39.9 | 28,095,896 | 5,967.62 | 19.53 |
| 45 | cfDNA | S001 | 106,074,548 | 85.0 | 38.0 | 55,870,486 | 1,0410.35 | 26.7 |
| 45 | cfDNA | S003 | 79,650,972 | 68.4 | 65.7 | 23,448,658 | 3,937.84 | 13.31 |
| 45 | WBC  | N001 | 54,087,802 | 96.9 | 33.7 | 34,736,710 | 5,758.36 | 26  |
| 46 | cfDNA | S001 | 44,531,100 | 83.2 | 51.1 | 18,124,546 | 2,650.78 | 16.4  |
| 46 | cfDNA | S002 | 37,234,192 | 94.2 | 50.4 | 17,391,116 | 2,472.04 | 16.15 |
| 46 | cfDNA | S003 | 41,401,278 | 90.9 | 49.7 | 18,928,336 | 2,486.49 | 15.14 |
| 46 | WBC  | N001 | 93,910,258 | 97.7 | 67.1 | 30,126,494 | 3,946.25 | 9.85  |
| 47 | cfDNA | S001 | 110,638,592 | 89.4 | 54.3 | 45,130,484 | 8,663.34 | 20.25 |
| 47 | cfDNA | S002 | 58,389,380 | 88.2 | 45.2 | 28,194,948 | 5,354.36 | 16.18 |
| 47 | WBC  | N001 | 78,987,304 | 98.4 | 50.3 | 38,644,656 | 6,308.54 | 18.76 |
| 48 | cfDNA | S001 | 95,567,070 | 91.5 | 65.7 | 29,932,382 | 4,606.55 | 12.06 |
| 48 | cfDNA | S002 | 48,886,424 | 96.0 | 73.7 | 12,330,984 | 1,549.1  | 7.55   |
| 48 | cfDNA | S003 | 94,803,146 | 87.0 | 64.8 | 29,022,974 | 4,434.58 | 12.3  |
| 48 | cfDNA | S004 | 100,828,348 | 96.3 | 62.4 | 36,504,492 | 5,320.77 | 12.53 |
| 48 | WBC  | N001 | 93,905,000 | 97.7 | 67.0 | 30,223,150 | 3,982.03 | 9.93  |
| 49 | cfDNA | S001 | 38,709,920 | 97.4 | 29.1 | 27,425,732 | 5,231.27 | 21.08 |
| 49 | cfDNA | S002 | 32,095,570 | 88.0 | 30.6 | 22,266,532 | 3,280.52 | 17.74 |
| 49 | WBC  | N001 | 44,339,844 | 98.4 | 42.3 | 25,571,432 | 5,189.65 | 18.4  |
| 50 | cfDNA | S001 | 38,292,796 | 85.0 | 26.6 | 23,913,734 | 3,946.08 | 18.55 |
|    | cfDNA | S002 | 35,661,664 | 82.2 | 29.1 | 20,792,378 | 3,780.54 | 19.63 |
|----|-------|------|------------|------|------|------------|---------|-------|
| 50 | WBC   | N001 | 58,175,368 | 98.3 | 42.8 | 32,701,814 | 6,920.73 | 18.92 |
| 51 | cfDNA | S001 | 23,934,474 | 94.4 | 40.1 | 14,326,112 | 2,687.21 | 18.09 |
| 51 | cfDNA | S002 | 25,159,616 | 97.2 | 41.8 | 14,632,114 | 2,893.58 | 17.99 |
| 51 | WBC   | N001 | 35,982,660 | 98.2 | 43.7 | 20,236,056 | 4,216.18 | 18.42 |
| 52 | cfDNA | S001 | 86,599,842 | 75.1 | 73.3 | 20,078,142 | 4,007.1  | 12.33 |
| 52 | cfDNA | S002 | 34,054,910 | 29.6 | 25.4 | 22,089,418 | 4,395.75 | 33.98 |
| 52 | cfDNA | S003 | 42,633,894 | 34.8 | 31.8 | 23,712,836 | 4,555.83 | 19.95 |
| 52 | WBC   | N001 | 72,678,810 | 70.9 | 54.1 | 32,533,812 | 5,027.18 | 16.25 |
| 53 | cfDNA | S001 | 91,133,556 | 79.4 | 76.0 | 19,029,768 | 3,747.96 | 10.92 |
| 53 | cfDNA | S002 | 67,672,116 | 66.1 | 48.2 | 34,245,914 | 6,405.3  | 22.18 |
| 53 | cfDNA | S004 | 30,333,904 | 29.5 | 33.4 | 19,603,088 | 3,886.41 | 20.14 |
| 53 | WBC   | N001 | 63,120,122 | 61.5 | 54.0 | 28,327,732 | 4,402.1  | 16.4 |
| 54 | cfDNA | S001 | 80,335,658 | 86.0 | 68.3 | 21,913,272 | 2,631,992 | 8.81 |
| 54 | cfDNA | S002 | 78,800,190 | 85.5 | 67.0 | 22,211,946 | 2,840,698 | 9.75 |
| 54 | cfDNA | S003 | 119,886,526 | 97.4 | 55.8 | 51,650,913 | 7,535,546 | 15.18 |
| 54 | WBC   | N001 | 73,775,138 | 83.8 | 69.9 | 18,559,306 | 1,383,946 | 5.18 |
| 55 | cfDNA | S001 | 83,848,120 | 84.6 | 67.2 | 23,230,762 | 3,868.79 | 12.62 |
| 55 | WBC   | N001 | 55,014,096 | 98.2 | 51.4 | 26,230,954 | 4,080.22 | 17.48 |
| 57 | cfDNA | S001 | 95,220,368 | 84.5 | 55.1 | 36,121,754 | 7,066.77 | 20.29 |
| 57 | cfDNA | S003 | 100,175,704 | 89.8 | 53.0 | 42,255,208 | 8,163.27 | 20.98 |
| 57 | WBC   | N001 | 81,375,266 | 98.2 | 50.9 | 39,229,858 | 6,418.63 | 18.56 |
| 58 | cfDNA | S001 | 42,444,968 | 36.8 | 30.2 | 25,655,040 | 4,946.22 | 20.64 |
| 58 | WBC   | N001 | 56,265,424 | 55.0 | 36.8 | 34,785,656 | 7,521.49 | 20.94 |
| 61 | cfDNA | S001 | 70,570,900 | 61.0 | 72.2 | 16,903,388 | 3,233.56 | 12.28 |
| 61 | cfDNA | S002 | 51,470,264 | 45.2 | 41.4 | 26,463,438 | 5,185.79 | 26.28 |
| 61 | cfDNA | S003 | 45,043,320 | 37.0 | 33.7 | 24,548,676 | 4,570.91 | 18.89 |
| 61 | cfDNA | S004 | 50,590,944 | 43.8 | 32.3 | 29,618,018 | 5,164.1  | 18.22 |
| 61 | WBC   | N001 | 52,332,304 | 50.9 | 35.0 | 33,136,214 | 4,960.71 | 22.32 |
| 62 | cfDNA | S001 | 52,301,786 | 85.1 | 50.3 | 22,108,102 | 4,286,635 | 22.05 |
| 62 | cfDNA | S002 | 82,485,126 | 97.6 | 53.5 | 37,455,716 | 5,783,898 | 16.47 |
| 62 | WBC   | N001 | 97,522,802 | 87.0 | 73.1 | 22,794,456 | 4,468,796 | 12.19 |
| 63 | cfDNA | S001 | 86,579,338 | 84.5 | 54.7 | 33,118,732 | 6,483.05 | 20.48 |
| 63 | WBC   | N001 | 72,389,654 | 98.3 | 50.1 | 35,514,414 | 5,730.27 | 18.6 |
| 64 | cfDNA | S001 | 43,341,848 | 96.9 | 22.2 | 32,667,036 | 6,634.9  | 24.43 |
| 64 | WBC   | N001 | 47,304,448 | 97.9 | 36.4 | 29,434,642 | 6,444.31 | 21.32 |
| 65 | cfDNA | S001 | 70,810,474 | 83.8 | 59.7 | 23,879,176 | 4,810.11 | 9.8 |
| 65 | cfDNA | S002 | 57,190,032 | 90.6 | 57.9 | 21,801,486 | 3,850.77 | 9.08 |
| 65 | WBC  | N001 | 69,448,202 | 97.8 | 51.7 | 32,769,844 | 4,167.97 | 7.43 |
| 66 | cfDNA | S001 | 107,191,966 | 81.8 | 54.6 | 39,789,378 | 7,910.08 | 20.86 |
| 66 | WBC  | N001 | 88,629,508 | 98.3 | 50.4 | 43,190,774 | 7,031.99 | 18.65 |
| 67 | cfDNA | S001 | 52,641,470 | 84.4 | 54.6 | 20,175,466 | 3,998.23 | 20.8 |
| 67 | WBC  | N001 | 81,220,154 | 98.4 | 50.6 | 39,508,714 | 6,509.59 | 18.82 |
| 68 | cfDNA | S001 | 86.27 | 51.7 | 26.3 | 51.04 | 21.93 | 93.67 |
| 68 | cfDNA | S002 | 97.72 | 51.8 | 38.2 | 48.68 | 16.72 | 92.44 |
| 68 | WBC  | N001 | 94.74 | 56.2 | 20.1 | 50.44 | 18.76 | 93.31 |
| 69 | cfDNA | S001 | 83.23 | 52.2 | 31.2 | 51.19 | 21.57 | 94.22 |
| 69 | cfDNA | S002 | 97.62 | 51.9 | 34.8 | 48.31 | 16.65 | 92.5 |
| 69 | WBC  | N001 | 85.14 | 57.3 | 20.7 | 54.27 | 19.06 | 92.79 |
| 70 | cfDNA | S001 | 50,281,710 | 97.0 | 48.6 | 25,074,160 | 3,704.47 | 9.18 |
| 70 | cfDNA | S002 | 81,028,120 | 84.8 | 51.2 | 33,472,574 | 5,891.89 | 10.48 |
| 70 | WBC  | N001 | 68,099,132 | 97.9 | 51.2 | 32,518,510 | 4,366.64 | 7.93 |
| 71 | cfDNA | S001 | 37,138,310 | 83.0 | 36.9 | 23,418,924 | 3,319.62 | 16.42 |
| 71 | cfDNA | S002 | 63,225,428 | 85.8 | 38.5 | 38,823,630 | 5,579.12 | 15.63 |
| 71 | WBC  | N001 | 38,040,852 | 98.1 | 44.0 | 21,275,008 | 4,391.46 | 18.19 |
| 72 | cfDNA | S001 | 56,569,124 | 84.6 | 35.8 | 36,302,686 | 4,737.99 | 15.22 |
| 72 | WBC  | N001 | 48,058,092 | 98.2 | 42.5 | 27,600,464 | 5,777.82 | 18.96 |
| 73 | cfDNA | S001 | 112,431,898 | 82.4 | 54.1 | 42,522,496 | 8,307.01 | 20.73 |
| 73 | cfDNA | S002 | 84,785,044 | 93.7 | 53.8 | 36,637,974 | 7,017.33 | 20.42 |
| 73 | WBC  | N001 | 78,301,262 | 98.6 | 47.5 | 40,523,118 | 6,775.84 | 20.3 |
| 74 | cfDNA | S001 | 62,507,688 | 83.9 | 52.4 | 24,957,646 | 4,730.39 | 20.85 |
| 74 | WBC  | N001 | 84,093,338 | 98.5 | 47.3 | 43,649,088 | 7,166.46 | 20 |
| 75 | cfDNA | S001 | 109,780,814 | 86.4 | 54.2 | 43,466,538 | 8,612.64 | 20.98 |
| 75 | cfDNA | S002 | 90,681,670 | 90.0 | 53.0 | 38,294,552 | 7,452.09 | 21.12 |
| 75 | WBC  | N001 | 74,337,668 | 98.4 | 47.7 | 38,196,586 | 6,258.86 | 19.8 |
| 76 | cfDNA | S001 | 46,831,026 | 74.1 | 53.9 | 16,008,134 | 2,991.68 | 19.91 |
| 76 | WBC  | N001 | 69,850,148 | 98.4 | 46.9 | 36,502,974 | 5,977.54 | 20.11 |
| 77 | cfDNA | S001 | 43,500,904 | 83.4 | 36.8 | 27,469,382 | 3,931.89 | 16.5 |
| 77 | WBC  | N001 | 28,758,152 | 98.3 | 44.4 | 15,968,586 | 3,343.35 | 18.35 |
| 78 | cfDNA | S001 | 79,186,490 | 97.8 | 51.5 | 37,541,060 | 6,861.21 | 20.49 |
| 78 | WBC  | N001 | 64,106,654 | 97.9 | 49.0 | 31,968,308 | 5,112.1 | 18.83 |
| 79 | cfDNA | S001 | 77,262,006 | 82.9 | 54.1 | 29,398,336 | 5,778.79 | 20.85 |
|   |     |     |     |     |     |     |
|---|-----|-----|-----|-----|-----|-----|
| 79| cfDNA| S002| 87,596,444| 95.1| 50.4| 41,284,964| 7,828.16| 21.74|
| 79| WBC | N001| 69,547,254| 97.8| 48.6| 34,950,400| 5,486.26| 18.65|
| 80| cfDNA| S001| 42,267,364| 87.4| 37.7| 26,319,856| 4,190.89| 17.35|
| 80| WBC | N001| 37,742,216| 98.2| 43.6| 21,271,688| 4,390.15| 18.3 |
| 81| cfDNA| S001| 95,844,806| 84.7| 48.6| 41,722,752| 8,013.79| 22.81|
| 81| cfDNA| S002| 105,185,106| 88.5| 47.5| 48,886,054| 9,322.47| 23.14|
| 81| WBC | N001| 72,309,124| 98.1| 48.6| 36,436,590| 5,792.24| 18.88|
| 82| cfDNA| S001| 41,517,314| 89.7| 37.1| 26,089,784| 4,141.1 | 16.98|
| 82| cfDNA| S002| 44,577,910| 86.8| 34.3| 29,255,466| 4,679.25| 18.45|
| 82| WBC | N001| 34,768,794| 98.2| 44.0| 19,471,262| 4,102.14| 18.54|
| 83| cfDNA| S001| 30,878,836| 83.3| 32.6| 20,801,964| 2,974.01| 17.67|
| 83| cfDNA| S002| 32,121,748| 83.6| 35.2| 20,799,906| 2,834.13| 16.14|
| 83| WBC | N001| 31,788,600| 98.3| 36.5| 20,160,014| 4,243.13| 20.99|
| 84| cfDNA| S001| 32,760,660| 83.5| 38.7| 16,775,510| 3,120.6 | 17.42|
| 84| cfDNA| S002| 48,973,056| 82.7| 38.9| 24,743,072| 4,602.57| 17.34|
| 84| WBC | N001| 36,631,876| 98.2| 38.4| 22,160,798| 3,325.6 | 14.4 |
| 85| cfDNA| S001| 41,771,464| 86.7| 27.8| 30,123,530| 4,787.35| 20.14|
| 85| cfDNA| S002| 34,901,324| 83.4| 26.7| 25,559,262| 3,773.85| 19.77|
| 85| WBC | N001| 40,242,348| 98.2| 41.0| 23,724,050| 4,841.89| 18.97|
| 86| cfDNA| S001| 41,207,906| 91.3| 29.1| 29,195,124| 4,600.23| 18.87|
| 86| WBC | N001| 42,567,096| 98.3| 42.4| 24,483,316| 4,974.47| 18.42|
| 87| cfDNA| S001| 30,506,366| 85.0| 30.5| 21,191,344| 2,861.66| 16.89|
| 87| WBC | N001| 39,386,866| 98.4| 44.9| 21,700,920| 4,447.87| 17.73|
| 88| cfDNA| S001| 34,475,822| 83.7| 29.8| 24,173,404| 3,179.67| 16.84|
| 88| cfDNA| S002| 50,521,986| 83.0| 29.3| 35,706,970| 4,634.47| 16.88|
| 88| WBC | N001| 38,898,736| 98.3| 41.5| 22,739,518| 4,749.67| 19.2 |
| 89| cfDNA| S001| 31,483,088| 84.4| 30.3| 21,916,602| 2,916.04| 16.83|
| 89| cfDNA| S002| 29,200,912| 73.5| 27.5| 21,145,372| 2,244.59| 15.91|
| 89| WBC | N001| 30,411,636| 98.4| 44.1| 16,995,344| 3,558.09| 18.45|
| 90| cfDNA| S001| 36,669,972| 88.4| 24.1| 27,832,084| 4,100.74| 19.9 |
| 90| cfDNA| S002| 24,754,782| 83.7| 23.4| 18,960,308| 2,808.41| 20.67|
| 90| WBC | N001| 32,824,818| 98.5| 46.8| 17,440,666| 3,571.43| 17.12|
| 91| cfDNA| S001| 35,083,882| 84.3| 23.0| 26,990,776| 3,844.03| 19.88|
| 91| WBC | N001| 1,280,200| 59.6| 21.8| 1,000,192 | 90.02 | 18.51 |
| 92| cfDNA| S001| 35,797,018| 29.5| 24.1| 22,438,206| 4,399.64| 22.73|
| 92| WBC | N001| 48,612,574| 47.4| 40.7| 28,158,528| 6,068.64| 19.59|
|    | cfDNA  | S001 | 34,199,192 | 31.8 | 24.6 | 24,040,762 | 4,906.79 | 23.54 |
|----|--------|------|------------|------|------|------------|----------|-------|
| 93 | WBC    | N001 | 41,059,120 | 40.1 | 37.4 | 25,117,234 | 5,476.11 | 20.92 |
| 94 | cfDNA  | S001 | 38,634,680 | 35.8 | 24.7 | 26,989,942 | 5,394.8  | 22.99 |
| 94 | WBC    | N001 | 46,787,376 | 45.8 | 37.2 | 28,760,168 | 6,178.65 | 20.67 |

cfDNA, cell-free DNA; WBC, white blood cell.