

**Supplementary Table 1. The relevant information of 500 Hainan tea samples used in this study**

| <b>Sample</b> | <b>Group</b> | <b>Q20(%)</b> | <b>Q30(%)</b> | <b>GC Content(%)</b> | <b>Raw Reads</b> | <b>Raw Base(G)</b> |
|---------------|--------------|---------------|---------------|----------------------|------------------|--------------------|
| A-GFFT-13B    | NK-GFFT      | 95.81;96.68   | 88.76;90.34   | 39.40;39.32          | 94698766         | 13.23              |
| A-GFFT-15B    | NK-GFFT      | 95.98;96.89   | 89.20;90.90   | 40.13;40.05          | 115563132        | 16.14              |
| A-GFFT-16B    | NK-GFFT      | 96.22;97.19   | 89.76;91.69   | 40.05;39.95          | 107144286        | 14.97              |
| A-GFFT-1B     | NK-GFFT      | 95.63;96.62   | 88.32;90.14   | 39.25;39.21          | 109074738        | 15.24              |
| A-GFFT-2B     | NK-GFFT      | 95.53;96.43   | 88.10;89.64   | 39.53;39.41          | 104894526        | 14.65              |
| A-GFFT-3B     | NK-GFFT      | 95.61;96.53   | 88.30;89.91   | 39.36;39.24          | 121214044        | 16.93              |
| A-GFFT-4B     | NK-GFFT      | 95.43;96.88   | 87.98;90.83   | 39.72;39.51          | 100478248        | 14.04              |
| A-GFFT-5B     | NK-GFFT      | 95.95;96.82   | 89.18;90.72   | 41.55;41.41          | 146003600        | 20.40              |
| A-GFFT-6B     | NK-GFFT      | 95.89;96.74   | 88.95;90.49   | 39.63;39.60          | 105837806        | 14.79              |
| A-GFFT-7B     | NK-GFFT      | 96.08;96.94   | 89.42;91.02   | 39.38;39.30          | 179224428        | 25.04              |
| A-GFFT-8B     | NK-GFFT      | 95.18;96.76   | 87.37;90.48   | 39.78;39.63          | 85806324         | 11.99              |
| A-GFFT-9B     | NK-GFFT      | 94.50;96.07   | 85.87;88.65   | 39.86;39.67          | 63157450         | 8.82               |
| A-MCXB-1-10D  | NK-MCXB      | 93.95;96.22   | 85.05;89.17   | 39.57;39.31          | 81801580         | 11.43              |
| A-MCXB-1-11D  | NK-MCXB      | 94.28;96.22   | 85.72;89.18   | 40.00;39.74          | 94852070         | 13.25              |
| A-MCXB-1-17D  | NK-MCXB      | 93.88;95.96   | 84.88;88.46   | 40.13;39.84          | 86505814         | 12.08              |
| A-MCXB-1-18D  | NK-MCXB      | 94.62;96.47   | 86.45;89.87   | 39.77;39.54          | 87749850         | 12.26              |
| A-MCXB-1-1D   | NK-MCXB      | 94.58;96.39   | 86.38;89.66   | 40.69;40.48          | 102748296        | 14.35              |
| A-MCXB-1-2D   | NK-MCXB      | 94.26;96.61   | 85.73;90.17   | 39.58;39.38          | 104004322        | 14.53              |
| A-MCXB-1-4D   | NK-MCXB      | 94.43;96.02   | 86.00;88.67   | 39.09;38.83          | 93199876         | 13.02              |
| A-MCXB-1-5D   | NK-MCXB      | 95.30;94.80   | 87.14;84.62   | 39.20;39.17          | 120044156        | 16.77              |
| A-MCXB-1-6D   | NK-MCXB      | 94.47;96.36   | 86.13;89.55   | 39.33;39.18          | 87003798         | 12.15              |
| A-MCXB-1-7D   | NK-MCXB      | 94.48;96.17   | 86.13;89.07   | 39.60;39.42          | 86509196         | 12.09              |
| A-MCXB-1-8D   | NK-MCXB      | 94.17;95.92   | 85.51;88.42   | 40.61;40.38          | 81427756         | 11.38              |
| A-MCXB-1-9D   | NK-MCXB      | 94.31;96.08   | 85.76;88.85   | 39.48;39.24          | 90108518         | 12.59              |
| A-MCXB-2-10D  | NK-MCXB      | 94.52;96.21   | 86.22;89.15   | 39.66;39.43          | 95608590         | 13.36              |
| A-MCXB-2-11D  | NK-MCXB      | 94.36;95.98   | 85.88;88.59   | 39.73;39.50          | 102036712        | 14.25              |
| A-MCXB-2-13D  | NK-MCXB      | 94.65;96.16   | 86.50;89.07   | 39.57;39.41          | 126089748        | 17.61              |
| A-MCXB-2-14D  | NK-MCXB      | 94.30;96.10   | 85.75;88.86   | 39.87;39.64          | 86145200         | 12.03              |
| A-MCXB-2-15D  | NK-MCXB      | 94.54;96.39   | 86.28;89.65   | 39.75;39.47          | 102000414        | 14.25              |
| A-MCXB-2-16D  | NK-MCXB      | 94.26;95.92   | 85.65;88.41   | 39.71;39.50          | 86054480         | 12.02              |
| A-MCXB-2-18D  | NK-MCXB      | 95.03;95.12   | 87.30;86.56   | 40.43;40.28          | 73386234         | 10.25              |
| A-MCXB-2-19D  | NK-MCXB      | 93.74;96.01   | 84.60;88.63   | 39.94;39.67          | 74563084         | 10.42              |
| A-MCXB-2-1D   | NK-MCXB      | 94.52;96.32   | 86.22;89.45   | 39.48;39.25          | 90519432         | 12.65              |
| A-MCXB-2-5D   | NK-MCXB      | 94.48;96.08   | 86.12;88.85   | 39.76;39.52          | 93038796         | 13.00              |
| A-MCXB-2-8D   | NK-MCXB      | 94.14;95.95   | 85.42;88.48   | 40.25;40.02          | 88297006         | 12.33              |
| A-MCXB-2-9D   | NK-MCXB      | 94.61;96.27   | 86.43;89.35   | 39.21;38.96          | 91697948         | 12.81              |

|              |         |             |             |             |           |       |
|--------------|---------|-------------|-------------|-------------|-----------|-------|
| A-MCXB-3-1D  | NK-MCXB | 94.96;96.16 | 87.11;89.08 | 36.18;35.92 | 105921152 | 14.80 |
| A-MCXB-3-2D  | NK-MCXB | 94.60;95.70 | 86.41;87.93 | 39.92;39.72 | 86458552  | 12.08 |
| A-MCXB-3-4D  | NK-MCXB | 93.63;95.83 | 84.35;88.15 | 39.97;39.71 | 74476298  | 10.40 |
| A-MCXB-3-5D  | NK-MCXB | 94.16;96.01 | 85.46;88.63 | 40.11;39.91 | 75343328  | 10.53 |
| A-MCXB-3-6D  | NK-MCXB | 94.05;96.06 | 85.24;88.77 | 39.89;39.64 | 91687170  | 12.81 |
| A-MCXB-3-7D  | NK-MCXB | 94.83;96.63 | 86.90;90.28 | 39.80;39.59 | 110096676 | 15.38 |
| A-MCXB-4-10D | NK-MCXB | 94.25;95.83 | 85.63;88.19 | 39.75;39.54 | 78709620  | 11.00 |
| A-MCXB-4-11D | NK-MCXB | 94.13;95.72 | 85.36;87.91 | 39.58;39.29 | 97848558  | 13.67 |
| A-MCXB-4-14D | NK-MCXB | 94.31;96.30 | 85.79;89.39 | 39.88;39.70 | 77280848  | 10.80 |
| A-MCXB-4-17D | NK-MCXB | 93.99;96.25 | 85.14;89.27 | 40.42;40.19 | 82777750  | 11.56 |
| A-MCXB-4-18D | NK-MCXB | 93.95;95.89 | 85.00;88.29 | 39.60;39.31 | 94909462  | 13.26 |
| A-MCXB-4-1D  | NK-MCXB | 94.72;96.24 | 86.66;89.27 | 40.01;39.84 | 79614706  | 11.12 |
| A-MCXB-4-2D  | NK-MCXB | 94.36;96.47 | 85.92;89.84 | 39.61;39.44 | 97879212  | 13.67 |
| A-MCXB-4-3D  | NK-MCXB | 93.87;96.23 | 84.87;89.17 | 39.62;39.29 | 87372350  | 12.21 |
| A-MCXB-4-5D  | NK-MCXB | 93.41;95.86 | 83.90;88.19 | 40.45;40.18 | 93002482  | 12.99 |
| A-MCXB-4-6D  | NK-MCXB | 97.37;98.27 | 92.66;94.79 | 40.30;40.07 | 174926828 | 24.44 |
| A-MCXB-4-7D  | NK-MCXB | 94.35;96.06 | 85.86;88.77 | 39.59;39.33 | 102967920 | 14.38 |
| A-MCXB-4-8D  | NK-MCXB | 94.27;96.10 | 85.69;88.87 | 39.97;39.75 | 101726200 | 14.21 |
| A-MCXB-5-11D | NK-MCXB | 94.06;95.97 | 85.23;88.50 | 39.92;39.62 | 80862972  | 11.30 |
| A-MCXB-5-14D | NK-MCXB | 94.11;96.28 | 85.37;89.32 | 39.65;39.39 | 84430186  | 11.79 |
| A-MCXB-5-15D | NK-MCXB | 94.19;95.97 | 85.50;88.54 | 39.76;39.52 | 88389644  | 12.35 |
| A-MCXB-5-16D | NK-MCXB | 94.53;96.27 | 86.24;89.33 | 39.70;39.49 | 93905232  | 13.12 |
| A-MCXB-5-17D | NK-MCXB | 93.81;95.72 | 84.71;87.88 | 39.35;39.13 | 87602792  | 12.24 |
| A-MCXB-5-19D | NK-MCXB | 94.63;95.03 | 86.41;86.27 | 39.95;39.78 | 67959926  | 9.49  |
| A-MCXB-5-1D  | NK-MCXB | 94.09;96.10 | 85.33;88.85 | 39.74;39.38 | 85295988  | 11.92 |
| A-MCXB-5-4D  | NK-MCXB | 93.58;95.82 | 84.24;88.10 | 39.56;39.28 | 76129910  | 10.64 |
| A-MCXB-5-5D  | NK-MCXB | 93.82;95.96 | 84.74;88.49 | 39.72;39.49 | 79822772  | 11.15 |
| A-MCXB-5-6D  | NK-MCXB | 94.42;96.12 | 86.00;88.94 | 39.99;39.79 | 104299044 | 14.57 |
| A-MCXB-5-9D  | NK-MCXB | 93.01;95.82 | 83.06;88.08 | 39.69;39.36 | 79672018  | 11.13 |
| A-NSJM-1-10B | NS-JM   | 97.78;97.42 | 93.08;91.51 | 40.03;40.08 | 92550750  | 12.93 |
| A-NSJM-1-11B | NS-JM   | 97.54;97.11 | 92.39;90.44 | 39.67;39.76 | 86191700  | 12.04 |
| A-NSJM-1-13B | NS-JM   | 97.69;97.27 | 92.84;91.01 | 40.12;40.25 | 95930246  | 13.40 |
| A-NSJM-1-15B | NS-JM   | 97.73;97.21 | 92.93;90.86 | 40.23;40.31 | 103041120 | 14.39 |
| A-NSJM-1-16B | NS-JM   | 97.97;97.64 | 93.65;92.07 | 40.60;40.65 | 131719566 | 18.40 |
| A-NSJM-1-18B | NS-JM   | 97.73;97.29 | 92.95;91.09 | 40.14;40.25 | 75560576  | 10.56 |
| A-NSJM-1-19B | NS-JM   | 97.47;97.14 | 92.20;90.53 | 40.12;40.19 | 77630046  | 10.84 |
| A-NSJM-1-21B | NS-JM   | 97.58;97.24 | 92.54;90.90 | 40.14;40.29 | 93055946  | 13.00 |
| A-NSJM-1-3B  | NS-JM   | 95.56;96.04 | 88.15;88.65 | 39.31;39.16 | 121231002 | 16.94 |

|              |         |             |             |             |           |       |
|--------------|---------|-------------|-------------|-------------|-----------|-------|
| A-NSJM-1-4B  | NS-JM   | 95.12;96.09 | 87.19;88.76 | 39.47;39.36 | 88969444  | 12.43 |
| A-NSJM-1-7B  | NS-JM   | 94.88;96.25 | 86.67;89.11 | 39.59;39.38 | 89813990  | 12.55 |
| A-NSJM-1-8B  | NS-JM   | 98.60;98.67 | 95.55;95.58 | 41.15;41.06 | 174915362 | 24.44 |
| A-NSJM-1-9B  | NS-JM   | 97.62;97.00 | 92.59;90.16 | 39.99;40.10 | 99641638  | 13.92 |
| A-NSMX-1-10B | NS-MX   | 95.20;96.18 | 87.38;88.96 | 39.73;39.67 | 104245414 | 14.56 |
| A-NSMX-1-14B | NS-MX   | 95.56;96.38 | 88.15;89.51 | 39.52;39.41 | 90200666  | 12.60 |
| A-NSMX-1-15B | NS-MX   | 95.74;96.78 | 88.63;90.58 | 39.83;39.71 | 95682928  | 13.37 |
| A-NSMX-1-16B | NS-MX   | 95.75;96.63 | 88.62;90.20 | 38.80;38.72 | 89661388  | 12.53 |
| A-NSMX-1-17B | NS-MX   | 95.60;96.21 | 88.25;89.08 | 39.52;39.40 | 100737488 | 14.07 |
| A-NSMX-1-18B | NS-MX   | 95.59;96.35 | 88.24;89.44 | 39.48;39.33 | 101323096 | 14.15 |
| A-NSMX-1-19B | NS-MX   | 95.59;96.22 | 88.23;89.13 | 39.52;39.43 | 118036644 | 16.49 |
| A-NSMX-1-1B  | NS-MX   | 98.37;96.86 | 94.71;89.67 | 40.18;40.26 | 132223642 | 18.47 |
| A-NSMX-1-3B  | NS-MX   | 97.51;96.91 | 92.29;89.85 | 40.47;40.60 | 82267554  | 11.49 |
| A-NSMX-1-4B  | NS-MX   | 97.64;96.91 | 92.64;89.87 | 39.76;39.88 | 88924458  | 12.42 |
| A-NSMX-1-6B  | NS-MX   | 97.77;97.32 | 93.06;91.21 | 40.20;40.27 | 107359640 | 15.00 |
| A-NSMX-1-9B  | NS-MX   | 97.55;96.87 | 92.88;90.24 | 39.72;39.75 | 154625872 | 21.60 |
| B-GFFT-10B   | NK-GFFT | 96.79;96.82 | 91.06;90.10 | 40.10;40.09 | 113264024 | 15.82 |
| B-GFFT-11B   | NK-GFFT | 94.42;96.08 | 85.68;88.66 | 40.17;40.06 | 72019986  | 10.06 |
| B-GFFT-12B   | NK-GFFT | 96.04;96.86 | 89.32;90.83 | 39.69;39.58 | 118083746 | 16.50 |
| B-GFFT-14B   | NK-GFFT | 95.65;96.36 | 88.37;89.47 | 39.72;39.60 | 103062922 | 14.40 |
| B-GFFT-18B   | NK-GFFT | 95.55;96.74 | 88.21;90.46 | 39.67;39.53 | 118888560 | 16.61 |
| B-GFFT-1B    | NK-GFFT | 96.03;96.73 | 89.27;90.47 | 39.57;39.49 | 95516668  | 13.34 |
| B-GFFT-21B   | NK-GFFT | 95.52;96.89 | 88.16;90.85 | 39.65;39.48 | 110042162 | 15.37 |
| B-GFFT-2B    | NK-GFFT | 97.25;97.73 | 92.20;92.76 | 40.12;40.10 | 127118776 | 17.76 |
| B-GFFT-3B    | NK-GFFT | 95.96;96.84 | 89.10;90.73 | 39.58;39.50 | 111042628 | 15.51 |
| B-GFFT-4B    | NK-GFFT | 95.53;96.43 | 88.13;89.65 | 40.18;40.12 | 70074984  | 9.79  |
| B-GFFT-5B    | NK-GFFT | 95.03;96.30 | 87.01;89.27 | 39.92;39.78 | 72763928  | 10.17 |
| B-GFFT-6B    | NK-GFFT | 95.23;96.29 | 87.41;89.28 | 39.59;39.53 | 96062400  | 13.42 |
| B-GFFT-7B    | NK-GFFT | 95.63;96.41 | 88.33;89.60 | 39.61;39.56 | 89382218  | 12.49 |
| B-GFFT-8B    | NK-GFFT | 95.56;96.41 | 88.20;89.59 | 39.97;39.88 | 80754454  | 11.28 |
| B-GFFT-9B    | NK-GFFT | 95.73;96.78 | 88.61;90.61 | 39.03;38.99 | 92353472  | 12.90 |
| B-NKYX-1-10D | QZ-BML  | 94.03;96.17 | 85.20;89.01 | 40.27;40.04 | 83094034  | 11.61 |
| B-NKYX-1-11D | QZ-BML  | 96.50;96.54 | 90.66;90.29 | 41.67;41.55 | 68611332  | 9.58  |
| B-NKYX-1-12D | QZ-BML  | 94.80;96.40 | 86.85;89.74 | 40.08;39.93 | 105428978 | 14.73 |
| B-NKYX-1-13D | QZ-BML  | 94.62;96.45 | 86.45;89.81 | 40.14;39.95 | 70766532  | 9.89  |
| B-NKYX-1-17D | QZ-BML  | 95.05;96.84 | 87.39;90.84 | 40.84;40.62 | 104285922 | 14.57 |
| B-NKYX-1-18D | QZ-BML  | 94.50;96.27 | 86.17;89.32 | 40.08;39.86 | 90415212  | 12.63 |
| B-NKYX-1-21D | QZ-BML  | 93.78;96.21 | 84.70;89.13 | 40.28;40.08 | 89496310  | 12.50 |

|              |         |             |             |             |           |       |
|--------------|---------|-------------|-------------|-------------|-----------|-------|
| B-NKYX-1-22D | QZ-BML  | 94.64;96.53 | 86.54;90.02 | 40.61;40.41 | 109750598 | 15.33 |
| B-NKYX-1-23D | QZ-BML  | 94.98;96.76 | 87.25;90.65 | 40.24;40.03 | 79800508  | 11.15 |
| B-NKYX-1-24B | QZ-BML  | 97.46;97.62 | 92.01;92.19 | 40.10;40.05 | 89133302  | 12.45 |
| B-NKYX-1-2D  | QZ-BML  | 94.22;96.31 | 85.61;89.40 | 39.89;39.59 | 95492570  | 13.34 |
| B-NKYX-1-3D  | QZ-BML  | 93.95;95.93 | 84.99;88.40 | 39.91;39.63 | 100225250 | 14.00 |
| B-NKYX-1-4D  | QZ-BML  | 94.29;96.24 | 85.74;89.23 | 39.99;39.70 | 101476186 | 14.18 |
| B-NKYX-1-7D  | NK-YX   | 94.29;96.13 | 85.74;88.98 | 40.28;40.08 | 86944878  | 12.15 |
| B-NKYX-1-8D  | NK-YX   | 94.65;94.69 | 86.45;85.45 | 40.54;40.37 | 60515592  | 8.45  |
| BML-11D      | NK-YX   | 95.30;93.82 | 87.21;82.24 | 39.83;39.89 | 90734890  | 12.68 |
| BML-15D      | NK-YX   | 94.78;95.35 | 85.98;86.15 | 39.93;39.90 | 96502912  | 13.48 |
| BML-17D      | NK-YX   | 94.60;96.31 | 86.41;89.46 | 40.01;39.79 | 86742590  | 12.12 |
| BML-18D      | NK-YX   | 93.26;95.87 | 83.66;88.23 | 40.61;40.24 | 79505134  | 11.11 |
| BML-19D      | NK-YX   | 93.43;92.47 | 82.88;77.70 | 39.30;39.17 | 120638620 | 16.85 |
| BML-1A       | NK-YX   | 94.23;94.74 | 84.44;84.07 | 39.73;39.72 | 128246772 | 17.92 |
| BML-20D      | NK-YX   | 94.66;96.53 | 86.55;90.02 | 40.26;40.04 | 100857174 | 14.09 |
| BML-21D      | NK-YX   | 94.99;96.81 | 87.26;90.75 | 40.01;39.80 | 109651476 | 15.32 |
| BML-4D       | NK-YX   | 94.44;94.80 | 85.21;84.59 | 39.72;39.75 | 100559610 | 14.05 |
| BML-5D       | NK-YX   | 95.02;95.20 | 87.02;86.41 | 39.56;39.62 | 75293196  | 10.52 |
| BML-6D       | NK-YX   | 95.04;95.87 | 87.14;88.13 | 39.77;39.73 | 75331738  | 10.52 |
| BML-7D       | NK-YX   | 94.82;95.82 | 86.63;87.97 | 39.83;39.79 | 86258544  | 12.05 |
| BML-9D       | NK-YX   | 94.80;95.58 | 86.59;87.32 | 39.65;39.68 | 94664000  | 13.22 |
| C-GFFT-10B   | NK-GFFT | 94.87;96.30 | 86.68;89.28 | 39.91;39.73 | 90874964  | 12.70 |
| C-GFFT-12B   | NK-GFFT | 95.34;96.28 | 87.70;89.26 | 39.97;39.88 | 84634916  | 11.82 |
| C-GFFT-13B   | NK-GFFT | 95.71;96.46 | 88.52;89.71 | 39.61;39.53 | 106804116 | 14.92 |
| C-GFFT-14B   | NK-GFFT | 96.68;95.19 | 90.10;84.96 | 39.97;40.06 | 117882152 | 16.47 |
| C-GFFT-15B   | NK-GFFT | 97.60;96.87 | 92.52;89.72 | 39.94;40.00 | 85510964  | 11.95 |
| C-GFFT-16B   | NK-GFFT | 98.51;98.69 | 95.32;95.58 | 41.29;41.23 | 182350052 | 25.47 |
| C-GFFT-17B   | NK-GFFT | 97.59;96.86 | 92.53;89.59 | 40.38;40.45 | 100327676 | 14.02 |
| C-GFFT-20B   | NK-GFFT | 97.59;96.46 | 92.46;88.47 | 40.14;40.31 | 74184186  | 10.36 |
| C-GFFT-21B   | NK-GFFT | 97.61;97.06 | 92.55;90.33 | 39.94;40.00 | 93536500  | 13.07 |
| C-GFFT-22B   | NK-GFFT | 97.53;96.81 | 92.34;89.58 | 40.46;40.55 | 106236210 | 14.84 |
| C-GFFT-4B    | NK-GFFT | 95.61;96.26 | 88.29;89.22 | 40.03;39.94 | 83639238  | 11.68 |
| C-GFFT-5B    | NK-GFFT | 97.43;98.30 | 92.77;94.76 | 41.38;41.28 | 131290506 | 18.34 |
| C-GFFT-8B    | NK-GFFT | 95.44;96.40 | 87.91;89.58 | 40.16;40.12 | 100214534 | 14.00 |
| C-GFFT-9B    | NK-GFFT | 95.41;96.43 | 87.83;89.63 | 39.69;39.53 | 101165802 | 14.13 |
| C-MY-1-10D   | NK-MY   | 94.44;96.39 | 86.12;89.65 | 40.77;40.61 | 80424894  | 11.24 |
| C-MY-1-11D   | NK-MY   | 94.17;95.92 | 84.62;87.54 | 39.84;39.74 | 114792024 | 16.04 |
| C-MY-1-12D   | NK-MY   | 94.51;96.23 | 86.20;89.25 | 39.64;39.42 | 90760164  | 12.68 |

|            |          |             |             |             |           |       |
|------------|----------|-------------|-------------|-------------|-----------|-------|
| C-MY-1-13D | NK-MY    | 94.31;95.68 | 85.04;86.97 | 39.40;39.29 | 107364688 | 15.00 |
| C-MY-1-15D | NK-MY    | 94.81;96.49 | 86.88;89.92 | 40.20;40.03 | 74661948  | 10.43 |
| C-MY-1-16D | NK-MY    | 94.74;96.61 | 86.74;90.22 | 40.23;40.05 | 107704648 | 15.05 |
| C-MY-1-18D | NK-MY    | 94.29;96.59 | 85.77;90.14 | 40.65;40.40 | 82683078  | 11.55 |
| C-MY-1-19D | NK-MY    | 94.33;96.43 | 85.85;89.76 | 40.40;40.22 | 96920200  | 13.54 |
| C-MY-1-20D | NK-MY    | 94.26;96.41 | 85.73;89.69 | 40.39;40.23 | 94223452  | 13.16 |
| C-MY-1-3D  | NK-MY    | 95.07;94.82 | 86.86;84.91 | 40.19;40.17 | 101144192 | 14.13 |
| C-MY-1-4D  | NK-MY    | 94.23;96.33 | 85.63;89.45 | 39.50;39.28 | 81946444  | 11.45 |
| C-MY-1-5D  | NK-MY    | 94.56;96.12 | 86.31;88.96 | 39.55;39.34 | 82111682  | 11.47 |
| C-MY-2-10D | NK-MY    | 94.35;96.37 | 85.88;89.60 | 40.23;39.96 | 108799248 | 15.20 |
| C-MY-2-11D | NK-MY    | 95.02;96.70 | 87.35;90.50 | 40.54;40.32 | 122585264 | 17.12 |
| C-MY-2-12D | NK-MY    | 94.89;96.78 | 87.05;90.66 | 40.06;39.81 | 104301020 | 14.57 |
| C-MY-2-15D | NK-MY    | 94.77;96.68 | 86.79;90.39 | 40.23;40.06 | 79465870  | 11.10 |
| C-MY-2-19D | NK-MY    | 94.30;96.43 | 85.79;89.71 | 39.59;39.31 | 109876824 | 15.35 |
| C-MY-2-1D  | NK-MY    | 94.44;96.17 | 86.06;89.07 | 39.76;39.58 | 94491238  | 13.20 |
| C-MY-2-3D  | NK-MY    | 94.54;96.23 | 86.32;89.25 | 40.72;40.50 | 87562700  | 12.23 |
| C-MY-2-4D  | NK-MY    | 94.53;96.23 | 86.27;89.26 | 40.28;40.03 | 97655640  | 13.64 |
| C-MY-2-5D  | NK-MY    | 94.87;96.88 | 87.04;90.96 | 40.62;40.45 | 113223284 | 15.82 |
| C-MY-2-6D  | NK-MY    | 94.47;96.18 | 86.18;89.13 | 41.25;41.00 | 103326318 | 14.43 |
| C-MY-2-7D  | NK-MY    | 94.38;95.73 | 85.25;87.12 | 40.61;40.53 | 102967246 | 14.38 |
| C-MY-2-9D  | NK-MY    | 93.40;96.10 | 83.92;88.81 | 40.42;40.19 | 75216854  | 10.51 |
| D-ZF-1-10D | NK-SFCXB | 93.58;96.07 | 84.30;88.76 | 40.68;40.37 | 89495956  | 12.50 |
| D-ZF-1-12D | NK-SFCXB | 94.25;96.36 | 85.65;89.57 | 40.45;40.19 | 90505272  | 12.64 |
| D-ZF-1-13D | NK-SFCXB | 94.24;96.17 | 85.67;89.08 | 40.44;40.23 | 82078586  | 11.47 |
| D-ZF-1-14D | NK-SFCXB | 94.53;96.26 | 86.27;89.29 | 40.14;39.94 | 112306244 | 15.69 |
| D-ZF-1-15D | NK-SFCXB | 95.71;95.55 | 88.51;87.45 | 40.46;40.41 | 63340332  | 8.85  |
| D-ZF-1-16D | NK-SFCXB | 95.85;96.69 | 88.88;90.37 | 39.86;39.79 | 105960082 | 14.80 |
| D-ZF-1-17D | NK-SFCXB | 95.71;96.50 | 88.55;89.84 | 40.44;40.30 | 100761728 | 14.08 |
| D-ZF-1-19D | NK-SFCXB | 95.56;96.45 | 88.17;89.68 | 39.47;39.39 | 85201166  | 11.90 |
| D-ZF-1-1D  | NK-SFCXB | 94.98;97.05 | 87.26;91.37 | 39.90;39.66 | 102876250 | 14.37 |
| D-ZF-1-21D | NK-SFCXB | 95.65;96.56 | 88.39;90.00 | 39.95;39.84 | 110338780 | 15.41 |
| D-ZF-1-22D | NK-SFCXB | 95.59;96.37 | 88.27;89.51 | 40.41;40.31 | 117340606 | 16.39 |
| D-ZF-1-25D | NK-SFCXB | 95.61;96.60 | 88.38;90.12 | 41.46;41.40 | 95775232  | 13.38 |
| D-ZF-1-26D | NK-SFCXB | 95.81;96.24 | 88.78;89.21 | 40.90;40.84 | 82433062  | 11.52 |
| D-ZF-1-29D | NK-SFCXB | 94.33;95.41 | 85.60;86.97 | 39.78;39.56 | 90648640  | 12.66 |
| D-ZF-1-30D | NK-SFCXB | 95.54;96.40 | 88.13;89.56 | 39.64;39.54 | 103282206 | 14.43 |
| D-ZF-1-32D | NK-SFCXB | 95.46;96.53 | 87.98;89.90 | 39.68;39.66 | 70853134  | 9.90  |
| D-ZF-1-36D | NK-SFCXB | 95.13;96.64 | 87.31;90.17 | 40.67;40.52 | 103367574 | 14.44 |

|            |          |             |             |             |           |       |
|------------|----------|-------------|-------------|-------------|-----------|-------|
| D-ZF-1-39D | NK-SFCXB | 95.26;96.14 | 87.51;88.86 | 39.71;39.57 | 99340826  | 13.88 |
| D-ZF-1-3D  | NK-SFCXB | 96.93;98.18 | 91.71;94.49 | 41.21;41.03 | 148510564 | 20.75 |
| D-ZF-1-40D | NK-SFCXB | 95.51;96.71 | 88.14;90.40 | 40.94;40.79 | 109324702 | 15.27 |
| D-ZF-1-41D | NK-SFCXB | 95.63;96.53 | 88.32;89.92 | 39.37;39.32 | 97192182  | 13.58 |
| D-ZF-1-42D | NK-SFCXB | 95.84;96.58 | 88.82;90.06 | 39.07;38.99 | 112659876 | 15.74 |
| D-ZF-1-43D | NK-SFCXB | 95.78;96.51 | 88.68;89.89 | 39.45;39.39 | 88995526  | 12.43 |
| D-ZF-1-44D | NK-SFCXB | 96.05;96.18 | 89.31;89.07 | 39.85;39.77 | 92010300  | 12.85 |
| D-ZF-1-8D  | NK-SFCXB | 93.96;96.30 | 85.11;89.39 | 40.54;40.25 | 96904608  | 13.54 |
| D-ZF-1-9D  | NK-SFCXB | 94.40;96.37 | 85.96;89.59 | 39.50;39.25 | 110575402 | 15.45 |
| GSD-14B    | SM-SM    | 97.81;97.53 | 93.18;91.82 | 39.26;39.27 | 91205522  | 12.74 |
| GSD-15B    | SM-SM    | 97.76;97.56 | 93.04;91.91 | 39.71;39.74 | 103018178 | 14.39 |
| GSD-17B    | SM-SM    | 98.34;98.44 | 94.80;94.78 | 40.90;40.87 | 138304584 | 19.32 |
| GSD-19B    | SM-SM    | 97.87;97.34 | 93.34;91.28 | 39.52;39.65 | 105679158 | 14.76 |
| GSD-20B    | SM-SM    | 97.50;97.21 | 92.31;90.76 | 39.51;39.53 | 113505062 | 15.86 |
| GSD-21B    | SM-SM    | 97.86;97.76 | 93.35;92.59 | 39.91;39.91 | 101882072 | 14.23 |
| GSD-22B    | SM-SM    | 97.73;97.25 | 92.91;90.94 | 39.21;39.27 | 102911888 | 14.38 |
| GSD-23B    | SM-SM    | 98.49;98.62 | 95.26;95.39 | 41.09;41.03 | 148480614 | 20.74 |
| GSD-24B    | SM-SM    | 97.55;97.05 | 92.42;90.27 | 39.69;39.75 | 97659352  | 13.64 |
| GSD-25B    | SM-SM    | 97.52;97.33 | 92.40;91.18 | 40.06;40.08 | 99110502  | 13.85 |
| GSD-26B    | SM-SM    | 97.70;97.24 | 92.85;90.90 | 39.77;39.88 | 93116284  | 13.01 |
| GSD-27B    | SM-SM    | 97.28;96.87 | 91.67;89.65 | 39.69;39.72 | 99109072  | 13.85 |
| GSD-28B    | SM-SM    | 97.60;97.23 | 92.52;90.85 | 39.44;39.49 | 96584154  | 13.49 |
| GSD-30B    | SM-SM    | 97.70;97.32 | 92.84;91.17 | 39.63;39.72 | 88238102  | 12.33 |
| GSD-31B    | SM-SM    | 97.58;96.98 | 92.48;90.05 | 39.47;39.53 | 96925364  | 13.54 |
| GSD-34B    | SM-SM    | 98.71;97.39 | 95.75;92.20 | 39.57;39.51 | 114180828 | 15.95 |
| GSD-35B    | SM-SM    | 98.48;96.97 | 94.99;91.64 | 39.37;39.22 | 94941166  | 13.26 |
| GSD-40B    | SM-SM    | 98.30;97.26 | 94.45;91.79 | 39.54;39.46 | 106039878 | 14.81 |
| GSD-41B    | SM-SM    | 98.43;96.49 | 94.75;90.36 | 39.44;39.30 | 76800204  | 10.73 |
| GSD-42B    | SM-SM    | 98.41;96.72 | 94.73;90.96 | 39.66;39.45 | 97400562  | 13.61 |
| GSD-43B    | SM-SM    | 98.38;96.80 | 94.65;91.17 | 39.67;39.45 | 91488252  | 12.78 |
| GSD-44B    | SM-SM    | 98.40;96.74 | 94.70;90.99 | 39.66;39.45 | 110759914 | 15.47 |
| GSD-46B    | SM-SM    | 98.76;97.40 | 95.75;91.52 | 39.88;39.81 | 119694194 | 16.72 |
| GSD-48B    | SM-SM    | 98.50;96.84 | 95.05;91.30 | 40.06;39.90 | 75689132  | 10.57 |
| GSD-49B    | SM-SM    | 98.52;97.14 | 95.13;92.08 | 39.60;39.44 | 111237972 | 15.54 |
| GSD-4B     | SM-SM    | 97.81;97.64 | 93.20;92.19 | 39.79;39.88 | 107737524 | 15.05 |
| GSD-50B    | SM-SM    | 97.82;97.31 | 93.17;91.17 | 39.72;39.75 | 107323220 | 14.99 |
| GSD-51B    | SM-SM    | 97.45;97.08 | 92.13;90.38 | 40.22;40.31 | 82479408  | 11.52 |
| GSD-52B    | SM-SM    | 97.55;97.03 | 92.40;90.20 | 39.43;39.40 | 121985236 | 17.04 |

|             |        |             |             |             |           |       |
|-------------|--------|-------------|-------------|-------------|-----------|-------|
| GSD-53B     | SM-SM  | 97.55;97.17 | 92.42;90.68 | 39.83;39.93 | 92206940  | 12.88 |
| GSD-54B     | SM-SM  | 97.01;96.77 | 90.90;89.29 | 39.62;39.68 | 85475062  | 11.94 |
| GSD-57B     | SM-SM  | 97.63;97.00 | 92.60;90.14 | 39.54;39.63 | 104163750 | 14.55 |
| GSD-5B      | SM-SM  | 97.82;97.32 | 93.18;91.18 | 39.47;39.52 | 107224156 | 14.98 |
| GSD-7B      | SM-SM  | 97.69;97.28 | 92.80;91.04 | 39.69;39.82 | 76512132  | 10.69 |
| JFLKJEQ-10B | LD-JFL | 98.47;96.93 | 94.94;91.50 | 39.74;39.61 | 129076880 | 18.03 |
| JFLKJEQ-12B | LD-JFL | 97.94;96.24 | 93.27;89.63 | 39.38;39.12 | 85589756  | 11.96 |
| JFLKJEQ-14B | LD-JFL | 98.36;96.69 | 94.56;90.85 | 39.62;39.34 | 104088838 | 14.54 |
| JFLKJEQ-15B | LD-JFL | 98.41;97.14 | 94.80;92.09 | 39.12;38.99 | 90657558  | 12.66 |
| JFLKJEQ-16B | LD-JFL | 98.53;97.26 | 95.19;92.45 | 39.26;39.11 | 89692058  | 12.53 |
| JFLKJEQ-17B | LD-JFL | 98.53;97.14 | 95.15;92.10 | 39.06;38.94 | 100132462 | 13.99 |
| JFLKJEQ-18B | LD-JFL | 98.36;96.70 | 94.59;90.88 | 39.42;39.30 | 106102302 | 14.82 |
| JFLKJEQ-1B  | LD-JFL | 98.34;97.02 | 94.57;91.71 | 40.38;40.24 | 93845492  | 13.11 |
| JFLKJEQ-21B | LD-JFL | 98.57;96.66 | 95.26;90.83 | 39.58;39.42 | 77888066  | 10.88 |
| JFLKJEQ-22B | LD-JFL | 98.44;97.13 | 94.88;92.04 | 39.31;39.07 | 118193220 | 16.51 |
| JFLKJEQ-23B | LD-JFL | 98.43;96.94 | 94.80;91.51 | 39.64;39.45 | 120386100 | 16.82 |
| JFLKJEQ-24B | LD-JFL | 98.48;97.09 | 94.97;91.92 | 39.44;39.23 | 124448554 | 17.39 |
| JFLKJEQ-4B  | LD-JFL | 98.42;96.93 | 94.80;91.50 | 39.49;39.29 | 116106744 | 16.22 |
| JFLKJEQ-6B  | LD-JFL | 98.42;97.01 | 94.81;91.69 | 39.82;39.54 | 108212764 | 15.12 |
| JFLKJEQ-7B  | LD-JFL | 98.21;96.58 | 94.13;90.54 | 39.93;39.70 | 98528638  | 13.76 |
| JFLKJEQ-9B  | LD-JFL | 98.37;97.04 | 94.67;91.79 | 40.14;40.01 | 103998266 | 14.53 |
| LMS1-12D    | LMS    | 95.79;96.82 | 88.77;90.67 | 40.03;39.98 | 96490246  | 13.48 |
| LMS1-14D    | LMS    | 95.42;97.05 | 87.94;91.27 | 40.55;40.46 | 64475580  | 9.01  |
| LMS1-15D    | LMS    | 95.72;96.67 | 88.59;90.28 | 39.90;39.83 | 104209498 | 14.56 |
| LMS1-17D    | LMS    | 95.20;96.34 | 87.40;89.40 | 39.62;39.57 | 86683194  | 12.11 |
| LMS1-19D    | LMS    | 95.43;96.20 | 87.91;89.06 | 40.50;40.36 | 102412574 | 14.31 |
| LMS1-1D     | LMS    | 96.03;96.83 | 89.26;90.73 | 39.32;39.26 | 106857188 | 14.93 |
| LMS1-20D    | LMS    | 95.72;96.42 | 88.53;89.62 | 39.85;39.72 | 110966272 | 15.50 |
| LMS1-21D    | LMS    | 95.42;96.42 | 87.89;89.61 | 40.29;40.22 | 72022652  | 10.06 |
| LMS1-22D    | LMS    | 95.30;96.37 | 87.59;89.49 | 39.99;39.83 | 98396612  | 13.75 |
| LMS1-23D    | LMS    | 95.60;96.60 | 88.29;90.10 | 39.57;39.41 | 87966832  | 12.29 |
| LMS1-24D    | LMS    | 95.51;96.64 | 88.08;90.18 | 39.92;39.77 | 95932282  | 13.40 |
| LMS1-25D    | LMS    | 95.62;96.64 | 88.35;90.19 | 40.46;40.39 | 80837438  | 11.29 |
| LMS1-28D    | LMS    | 97.19;98.16 | 92.19;94.37 | 41.76;41.66 | 148084638 | 20.69 |
| LMS1-29D    | LMS    | 95.45;96.20 | 87.92;89.06 | 40.04;39.89 | 100672392 | 14.06 |
| LMS1-2D     | LMS    | 94.83;96.41 | 86.64;89.56 | 39.52;39.30 | 94735540  | 13.23 |
| LMS1-31D    | LMS    | 95.59;96.06 | 88.24;88.69 | 40.02;39.94 | 62905100  | 8.79  |
| LMS1-35D    | LMS    | 95.79;96.40 | 88.71;89.57 | 40.01;39.92 | 92048240  | 12.86 |

|          |     |             |             |             |           |       |
|----------|-----|-------------|-------------|-------------|-----------|-------|
| LMS1-36D | LMS | 95.54;96.76 | 88.16;90.51 | 40.05;39.89 | 84630194  | 11.82 |
| LMS1-37D | LMS | 95.54;96.47 | 88.14;89.77 | 39.81;39.69 | 101232000 | 14.14 |
| LMS1-39D | LMS | 95.44;96.38 | 87.90;89.48 | 39.62;39.55 | 113002236 | 15.79 |
| LMS1-3D  | LMS | 95.67;94.13 | 88.36;82.01 | 39.21;39.13 | 123872576 | 17.30 |
| LMS1-41D | LMS | 95.23;96.25 | 87.46;89.15 | 39.95;39.81 | 78691192  | 10.99 |
| LMS1-42D | LMS | 95.38;96.78 | 87.85;90.54 | 39.97;39.81 | 99846750  | 13.95 |
| LMS1-43D | LMS | 95.60;96.53 | 88.27;89.90 | 39.90;39.84 | 90692470  | 12.67 |
| LMS1-44D | LMS | 95.56;96.13 | 88.16;88.87 | 39.55;39.44 | 109656220 | 15.32 |
| LMS1-45D | LMS | 95.27;96.41 | 87.48;89.58 | 39.71;39.57 | 96650360  | 13.50 |
| LMS1-46D | LMS | 95.29;96.24 | 87.58;89.11 | 39.77;39.64 | 95741286  | 13.37 |
| LMS1-48D | LMS | 97.74;97.33 | 93.00;91.24 | 40.45;40.54 | 90704296  | 12.67 |
| LMS1-53D | LMS | 97.48;96.73 | 92.14;89.22 | 39.57;39.68 | 80523220  | 11.25 |
| LMS1-54D | LMS | 97.73;97.18 | 92.91;90.76 | 39.98;40.05 | 100458088 | 14.03 |
| LMS1-55D | LMS | 97.65;97.01 | 92.66;90.17 | 39.63;39.71 | 107193468 | 14.97 |
| LMS1-5D  | LMS | 96.02;96.91 | 89.26;90.93 | 39.32;39.23 | 109059544 | 15.24 |
| LMS1-61D | LMS | 97.66;96.71 | 92.67;89.28 | 40.51;40.63 | 73741956  | 10.30 |
| LMS1-63D | LMS | 95.04;96.42 | 87.08;89.59 | 39.96;39.87 | 99636842  | 13.92 |
| LMS1-64D | LMS | 95.26;95.94 | 87.50;88.35 | 40.48;40.33 | 92549008  | 12.93 |
| LMS1-67D | LMS | 95.37;96.08 | 87.73;88.73 | 39.96;39.90 | 86790280  | 12.12 |
| LMS1-69D | LMS | 95.45;96.20 | 87.95;89.05 | 40.26;40.17 | 87359462  | 12.20 |
| LMS1-71D | LMS | 95.20;96.26 | 87.37;89.14 | 39.76;39.62 | 94074500  | 13.14 |
| LMS1-72D | LMS | 95.23;96.01 | 87.40;88.52 | 39.84;39.71 | 84679704  | 11.83 |
| LMS1-73B | LMS | 97.83;97.85 | 93.14;92.98 | 40.73;40.71 | 101003466 | 14.11 |
| LMS1-8D  | LMS | 97.06;96.55 | 91.79;89.56 | 40.23;40.25 | 115409430 | 16.12 |
| LMS1-9D  | LMS | 95.52;96.68 | 88.14;90.28 | 39.86;39.77 | 101322840 | 14.15 |
| LMS2-10D | LMS | 95.51;96.78 | 88.11;90.56 | 39.51;39.47 | 103535402 | 14.46 |
| LMS2-11D | LMS | 96.97;96.53 | 90.85;88.57 | 40.73;40.81 | 93843214  | 13.11 |
| LMS2-14D | LMS | 98.37;97.44 | 94.84;91.44 | 40.31;40.40 | 190889858 | 26.67 |
| LMS2-16D | LMS | 97.84;97.37 | 93.26;91.38 | 39.98;40.06 | 102907016 | 14.38 |
| LMS2-17D | LMS | 97.99;97.97 | 93.76;93.17 | 40.93;40.98 | 130625648 | 18.25 |
| LMS2-1D  | LMS | 95.22;96.04 | 87.39;88.59 | 40.00;39.89 | 63558948  | 8.88  |
| LMS2-23D | LMS | 97.70;97.46 | 92.87;91.62 | 39.94;40.06 | 99626778  | 13.92 |
| LMS2-25D | LMS | 97.75;97.29 | 92.98;91.08 | 40.02;40.14 | 96798496  | 13.52 |
| LMS2-26D | LMS | 97.66;97.21 | 92.76;90.83 | 40.74;40.82 | 86764068  | 12.12 |
| LMS2-27D | LMS | 97.75;97.24 | 92.97;90.94 | 39.83;39.89 | 101437864 | 14.17 |
| LMS2-2D  | LMS | 95.53;96.27 | 88.10;89.21 | 39.79;39.68 | 90659260  | 12.66 |
| LMS2-30D | LMS | 97.94;97.40 | 93.52;91.27 | 40.54;40.63 | 124307878 | 17.37 |
| LMS2-3D  | LMS | 95.38;96.19 | 87.77;89.00 | 39.85;39.74 | 97103020  | 13.57 |



|          |     |             |             |             |           |       |
|----------|-----|-------------|-------------|-------------|-----------|-------|
| LMS2-4D  | LMS | 95.38;96.28 | 87.76;89.25 | 40.22;40.04 | 103931692 | 14.52 |
| LMS2-6D  | LMS | 94.85;96.19 | 86.62;88.99 | 40.08;39.95 | 74331658  | 10.38 |
| LMS2-7D  | LMS | 94.64;95.88 | 86.14;88.16 | 40.30;40.15 | 79045796  | 11.04 |
| LMS2-8D  | LMS | 95.73;96.64 | 88.59;90.22 | 39.71;39.62 | 101636790 | 14.20 |
| LMS2-9D  | LMS | 95.70;96.44 | 88.50;89.69 | 39.90;39.86 | 80744306  | 11.28 |
| LMS3-10D | LMS | 97.82;97.38 | 93.21;91.42 | 40.26;40.32 | 110510278 | 15.44 |
| LMS3-11D | LMS | 97.75;97.43 | 93.00;91.53 | 40.16;40.27 | 89851198  | 12.55 |
| LMS3-13D | LMS | 97.74;97.28 | 92.97;91.09 | 40.26;40.30 | 113255754 | 15.82 |
| LMS3-14D | LMS | 97.78;97.07 | 93.08;90.39 | 40.36;40.47 | 70004308  | 9.78  |
| LMS3-15D | LMS | 97.85;97.32 | 93.28;91.20 | 39.90;39.99 | 109423666 | 15.29 |
| LMS3-17D | LMS | 97.85;97.46 | 93.31;91.64 | 40.16;40.22 | 102171420 | 14.27 |
| LMS3-18D | LMS | 97.65;97.19 | 92.72;90.74 | 40.36;40.47 | 139720238 | 19.52 |
| LMS3-19D | LMS | 97.65;97.20 | 92.70;90.80 | 40.22;40.34 | 97706050  | 13.65 |
| LMS3-20D | LMS | 97.79;97.60 | 93.14;92.04 | 39.86;39.89 | 110937754 | 15.50 |
| LMS3-22D | LMS | 97.70;97.10 | 92.87;90.58 | 41.25;41.32 | 112734892 | 15.75 |
| LMS3-27D | LMS | 97.75;97.31 | 93.01;91.14 | 40.24;40.32 | 112693712 | 15.74 |
| LMS3-2D  | LMS | 97.14;96.88 | 91.31;89.67 | 40.55;40.67 | 79057138  | 11.04 |
| LMS3-31D | LMS | 98.50;96.99 | 95.02;91.65 | 39.73;39.52 | 98445868  | 13.75 |
| LMS3-34D | LMS | 98.92;97.90 | 96.41;94.26 | 41.48;41.31 | 188517744 | 26.34 |
| LMS3-35D | LMS | 97.61;97.11 | 92.57;90.46 | 40.38;40.50 | 78568770  | 10.98 |
| LMS3-38D | LMS | 98.49;97.03 | 95.02;91.76 | 39.94;39.80 | 110880150 | 15.49 |
| LMS3-3D  | LMS | 97.75;97.52 | 93.01;91.80 | 40.11;40.13 | 113272750 | 15.82 |
| LMS3-41D | LMS | 98.37;96.82 | 94.63;91.17 | 40.42;40.28 | 85257802  | 11.91 |
| LMS3-42D | LMS | 98.50;96.96 | 95.02;91.57 | 39.62;39.49 | 86662902  | 12.11 |
| LMS3-44D | LMS | 97.81;97.39 | 93.17;91.41 | 40.03;40.11 | 84954018  | 11.87 |
| LMS3-45D | LMS | 97.70;97.42 | 92.89;91.50 | 40.38;40.50 | 82303736  | 11.50 |
| LMS3-46D | LMS | 97.64;97.21 | 92.66;90.79 | 39.80;39.84 | 104377636 | 14.58 |
| LMS3-47D | LMS | 98.84;97.41 | 96.16;92.88 | 41.41;41.27 | 106176182 | 14.83 |
| LMS3-48D | LMS | 97.86;97.55 | 93.36;91.99 | 41.03;41.13 | 115608356 | 16.15 |
| LMS3-49D | LMS | 97.61;97.08 | 92.56;90.36 | 39.96;39.97 | 87429350  | 12.21 |
| LMS3-4D  | LMS | 97.98;97.75 | 93.70;92.59 | 40.32;40.36 | 129841748 | 18.14 |
| LMS3-50D | LMS | 97.39;97.01 | 92.00;90.14 | 40.54;40.61 | 79505200  | 11.11 |
| LMS3-52D | LMS | 97.75;97.30 | 92.98;91.10 | 39.82;39.90 | 92062252  | 12.86 |
| LMS3-53D | LMS | 97.87;96.72 | 93.30;89.41 | 40.60;40.72 | 66094560  | 9.23  |
| LMS3-54D | LMS | 97.59;97.17 | 92.55;90.67 | 40.50;40.54 | 99196146  | 13.86 |
| LMS3-55D | LMS | 97.68;97.26 | 92.78;90.96 | 39.86;39.88 | 114179810 | 15.95 |
| LMS3-56D | LMS | 97.64;97.19 | 92.68;90.79 | 40.65;40.75 | 82149086  | 11.48 |
| LMS3-57D | LMS | 97.54;97.12 | 92.40;90.47 | 40.20;40.30 | 79845574  | 11.15 |

|          |       |             |             |             |           |       |
|----------|-------|-------------|-------------|-------------|-----------|-------|
| LMS3-58D | LMS   | 97.84;97.28 | 93.27;91.19 | 39.96;40.10 | 103812156 | 14.50 |
| LMS3-59D | LMS   | 97.88;97.70 | 93.40;92.41 | 40.18;40.21 | 112564944 | 15.73 |
| LMS3-60D | LMS   | 97.42;97.12 | 92.06;90.48 | 39.69;39.83 | 103780938 | 14.50 |
| LMS3-62D | LMS   | 97.94;97.08 | 93.53;90.51 | 40.57;40.69 | 82990304  | 11.59 |
| LMS3-64D | LMS   | 97.95;97.83 | 93.64;92.82 | 40.18;40.27 | 113129132 | 15.80 |
| LMS3-65D | LMS   | 97.85;97.63 | 93.31;92.16 | 40.36;40.42 | 115923966 | 16.19 |
| LMS3-67D | LMS   | 97.81;97.76 | 93.25;92.58 | 40.24;40.37 | 88670026  | 12.39 |
| LMS3-68D | LMS   | 97.86;97.64 | 93.35;92.23 | 40.18;40.25 | 144675452 | 20.21 |
| LMS3-70D | LMS   | 97.55;97.46 | 92.48;91.56 | 40.04;40.09 | 112131108 | 15.66 |
| LMS3-71D | LMS   | 97.77;97.50 | 93.07;91.78 | 40.32;40.37 | 111036510 | 15.51 |
| LMS3-72D | LMS   | 97.58;97.54 | 92.61;91.85 | 40.21;40.16 | 99672178  | 13.92 |
| LMS3-73D | LMS   | 97.68;97.28 | 92.80;91.01 | 39.86;39.91 | 107129400 | 14.97 |
| LMS3-74D | LMS   | 97.76;97.65 | 93.08;92.24 | 40.51;40.52 | 100910734 | 14.10 |
| LMS3-75D | LMS   | 97.88;97.71 | 93.41;92.42 | 39.95;40.05 | 119671552 | 16.72 |
| LMS3-78D | LMS   | 97.84;97.49 | 93.28;91.74 | 40.09;40.16 | 133999488 | 18.72 |
| LMS3-79D | LMS   | 97.87;97.50 | 93.35;91.78 | 40.17;40.26 | 94229440  | 13.16 |
| LMS3-86D | LMS   | 98.22;96.74 | 94.25;91.04 | 39.62;39.34 | 109361512 | 15.28 |
| LMS3-89B | LMS   | 93.85;96.08 | 84.82;88.77 | 39.43;39.22 | 89395466  | 12.49 |
| LMS3-8D  | LMS   | 97.34;96.92 | 91.82;89.81 | 40.02;40.16 | 92308936  | 12.90 |
| LMS3-91B | LMS   | 94.47;96.53 | 86.12;89.97 | 39.65;39.39 | 109464142 | 15.29 |
| LMS3-92B | LMS   | 94.59;96.25 | 86.36;89.28 | 39.84;39.61 | 112371184 | 15.70 |
| LMS3-93B | LMS   | 96.49;97.96 | 90.70;93.87 | 41.51;41.32 | 153733358 | 21.48 |
| LMS3-94B | LMS   | 94.50;96.60 | 86.22;90.18 | 39.85;39.60 | 114422560 | 15.98 |
| LMS3-95B | LMS   | 94.59;96.32 | 86.37;89.45 | 39.69;39.43 | 105860484 | 14.79 |
| LMS3-96B | LMS   | 94.68;95.77 | 86.56;88.08 | 40.13;39.95 | 68009374  | 9.50  |
| MXC-10B  | NS-MX | 98.83;97.90 | 96.18;94.23 | 41.14;40.99 | 156212494 | 21.82 |
| MXC-11B  | NS-MX | 98.36;96.86 | 94.59;91.31 | 39.57;39.35 | 121067682 | 16.91 |
| MXC-12B  | NS-MX | 98.45;96.85 | 94.87;91.31 | 39.41;39.19 | 119032348 | 16.63 |
| MXC-13B  | NS-MX | 98.50;96.83 | 95.04;91.27 | 39.98;39.82 | 77289606  | 10.80 |
| MXC-14B  | NS-MX | 98.31;96.97 | 94.48;91.59 | 39.62;39.39 | 123868632 | 17.30 |
| MXC-15B  | NS-MX | 97.87;97.61 | 93.18;92.19 | 39.40;39.39 | 106198654 | 14.84 |
| MXC-16B  | NS-MX | 97.90;98.07 | 93.33;93.62 | 39.84;39.79 | 108285378 | 15.13 |
| MXC-19B  | NS-MX | 97.79;97.71 | 92.98;92.53 | 39.38;39.35 | 84907126  | 11.86 |
| MXC-1B   | NS-MX | 98.54;97.11 | 95.19;92.02 | 39.79;39.60 | 114933636 | 16.06 |
| MXC-21B  | NS-MX | 97.66;97.27 | 92.51;91.11 | 39.56;39.55 | 146052332 | 20.40 |
| MXC-22B  | NS-MX | 98.48;98.71 | 95.22;95.75 | 41.36;41.28 | 115186568 | 16.09 |
| MXC-25B  | NS-MX | 97.78;97.66 | 92.92;92.35 | 39.07;39.07 | 130326652 | 18.21 |
| MXC-28B  | NS-MX | 97.73;97.72 | 92.81;92.53 | 39.69;39.66 | 95335414  | 13.32 |

|            |       |             |             |             |           |       |
|------------|-------|-------------|-------------|-------------|-----------|-------|
| MXC-30B    | NS-MX | 97.81;97.79 | 93.06;92.79 | 39.75;39.75 | 95752222  | 13.38 |
| MXC-31B    | NS-MX | 97.68;97.88 | 92.71;93.02 | 40.09;40.07 | 96935630  | 13.54 |
| MXC-4B     | NS-MX | 98.25;96.59 | 94.23;90.56 | 39.63;39.50 | 83457824  | 11.66 |
| MXC-5B     | NS-MX | 98.53;97.29 | 95.16;92.48 | 39.40;39.19 | 123131878 | 17.20 |
| MXC-6B     | NS-MX | 98.53;97.33 | 95.19;92.61 | 39.35;39.18 | 123086126 | 17.19 |
| MXC-7B     | NS-MX | 98.50;96.97 | 95.04;91.63 | 39.57;39.37 | 114709064 | 16.02 |
| MXC-8B     | NS-MX | 98.51;97.23 | 95.11;92.32 | 39.73;39.63 | 98738638  | 13.79 |
| QZDZ-11B   | LMS   | 98.42;97.06 | 94.84;91.84 | 40.54;40.42 | 76514938  | 10.69 |
| QZDZ-12B   | LMS   | 98.43;96.96 | 94.83;91.56 | 40.02;39.89 | 101776296 | 14.22 |
| QZDZ-13B   | LMS   | 98.26;96.71 | 94.29;90.89 | 40.79;40.58 | 76858890  | 10.74 |
| QZDZ-14B   | LMS   | 98.34;96.80 | 94.50;91.13 | 39.96;39.84 | 89584508  | 12.51 |
| QZDZ-15B   | LMS   | 98.35;96.87 | 94.60;91.33 | 40.03;39.95 | 86181064  | 12.04 |
| QZDZ-16B   | LMS   | 98.40;96.77 | 94.71;91.05 | 40.39;40.27 | 88394648  | 12.35 |
| QZDZ-1B    | LMS   | 98.56;97.25 | 95.22;91.41 | 40.25;40.20 | 115794210 | 16.18 |
| QZDZ-22B   | LMS   | 98.40;96.94 | 94.76;91.51 | 40.72;40.55 | 76553694  | 10.69 |
| QZDZ-25B   | LMS   | 98.41;96.75 | 94.75;91.02 | 39.68;39.45 | 91687374  | 12.81 |
| QZDZ-26B   | LMS   | 98.47;97.24 | 94.99;92.33 | 40.23;40.13 | 114949618 | 16.06 |
| QZDZ-2B    | LMS   | 98.32;96.71 | 94.45;90.88 | 39.88;39.71 | 92984768  | 12.99 |
| QZDZ-3B    | LMS   | 98.45;96.80 | 94.87;91.14 | 39.97;39.80 | 90966892  | 12.71 |
| QZDZ-4B    | LMS   | 98.42;96.85 | 94.79;91.29 | 39.63;39.52 | 101947778 | 14.24 |
| QZDZ-7B    | LMS   | 98.30;97.76 | 94.41;92.96 | 40.09;40.03 | 103068530 | 14.40 |
| QZDZ-8B    | LMS   | 98.45;96.83 | 94.86;91.24 | 39.54;39.36 | 104917758 | 14.66 |
| QZDZ-9B    | LMS   | 98.38;97.72 | 94.67;92.79 | 40.26;40.20 | 108341066 | 15.14 |
| QZLMSDF-1B | LMS   | 94.71;96.25 | 86.63;89.28 | 39.92;39.72 | 112684418 | 15.74 |
| QZLMSDF-3B | LMS   | 94.49;96.36 | 86.14;89.56 | 39.69;39.44 | 107503478 | 15.02 |
| QZLMSDF-4B | LMS   | 94.72;96.18 | 86.65;89.12 | 39.75;39.55 | 103434360 | 14.45 |
| QZLMSDF-5B | LMS   | 94.82;96.69 | 86.88;90.40 | 39.78;39.61 | 103646410 | 14.48 |
| QZQLG-10B  | LMS   | 95.80;96.66 | 88.76;90.27 | 39.96;39.90 | 106110804 | 14.82 |
| QZQLG-11B  | LMS   | 95.80;96.44 | 88.75;89.71 | 39.89;39.76 | 114395708 | 15.98 |
| QZQLG-14B  | LMS   | 96.00;96.90 | 89.23;90.92 | 39.57;39.49 | 137902274 | 19.26 |
| QZQLG-1B   | LMS   | 95.70;96.43 | 88.51;89.67 | 39.70;39.60 | 103371946 | 14.44 |
| QZQLG-2B   | LMS   | 95.67;96.44 | 88.44;89.67 | 39.60;39.51 | 113871978 | 15.91 |
| QZQLG-3B   | LMS   | 97.21;96.27 | 92.07;88.85 | 39.91;39.91 | 104924124 | 14.66 |
| QZQLG-6B   | LMS   | 95.90;96.64 | 88.96;90.21 | 39.52;39.47 | 95890026  | 13.40 |
| QZQLG-7B   | LMS   | 95.74;96.60 | 88.62;90.11 | 40.25;40.15 | 108586484 | 15.17 |
| QZQLG-8B   | LMS   | 95.70;95.75 | 88.45;87.94 | 40.24;40.19 | 75898288  | 10.60 |
| QZWRD-13B  | LMS   | 97.43;98.31 | 92.77;94.79 | 41.50;41.38 | 186682370 | 26.08 |
| QZWRD-14B  | LMS   | 94.87;96.38 | 86.67;89.47 | 40.53;40.41 | 61811798  | 8.64  |

|           |        |             |             |             |           |       |
|-----------|--------|-------------|-------------|-------------|-----------|-------|
| QZWRD-15B | LMS    | 95.75;96.07 | 88.59;88.76 | 39.88;39.85 | 88200964  | 12.32 |
| QZWRD-16B | LMS    | 98.45;96.83 | 94.85;91.22 | 39.92;39.69 | 113864224 | 15.91 |
| QZWRD-18B | LMS    | 98.44;97.77 | 94.82;92.65 | 40.45;40.43 | 132257302 | 18.48 |
| QZWRD-19B | LMS    | 98.41;97.00 | 94.77;91.66 | 40.14;40.04 | 77160688  | 10.78 |
| QZWRD-20B | LMS    | 98.06;96.41 | 93.66;90.07 | 40.22;40.05 | 67698022  | 9.46  |
| QZWRD-21B | LMS    | 98.42;97.04 | 94.80;91.79 | 39.96;39.74 | 103434308 | 14.45 |
| QZWRD-2B  | LMS    | 94.26;96.27 | 85.70;89.29 | 39.99;39.73 | 81997842  | 11.45 |
| QZWRD-3B  | LMS    | 94.47;96.33 | 86.12;89.49 | 39.84;39.67 | 94514840  | 13.20 |
| QZWRD-5B  | LMS    | 94.59;96.40 | 86.39;89.66 | 39.99;39.81 | 102733636 | 14.35 |
| QZWRD-7B  | LMS    | 94.66;96.19 | 86.53;89.13 | 39.67;39.45 | 113854538 | 15.91 |
| QZWRD-9B  | LMS    | 94.33;96.29 | 85.85;89.35 | 39.91;39.66 | 100144674 | 13.99 |
| SSL-11B   | LD-JFL | 98.52;97.42 | 95.17;92.83 | 40.88;40.73 | 128148790 | 17.90 |
| SSL-12B   | LD-JFL | 98.48;97.10 | 94.98;91.94 | 40.13;39.99 | 101149962 | 14.13 |
| SSL-13B   | LD-JFL | 98.33;96.99 | 94.53;91.65 | 39.80;39.72 | 112942022 | 15.78 |
| SSL-14B   | LD-JFL | 98.54;97.33 | 95.25;92.58 | 39.75;39.64 | 124502314 | 17.39 |
| SSL-16B   | LD-JFL | 98.48;97.15 | 95.00;92.10 | 40.26;40.08 | 100393938 | 14.02 |
| SSL-19B   | LD-JFL | 97.69;97.72 | 92.68;92.52 | 40.25;40.22 | 96373564  | 13.46 |
| SSL-1B    | LD-JFL | 98.42;96.86 | 94.78;91.32 | 39.60;39.47 | 92735556  | 12.96 |
| SSL-3B    | LD-JFL | 98.53;96.20 | 95.08;89.65 | 39.54;39.33 | 66691828  | 9.32  |
| SSL-4B    | LD-JFL | 98.37;96.92 | 94.65;91.43 | 40.05;39.93 | 88623308  | 12.38 |
| SSL-7B    | LD-JFL | 98.92;97.45 | 96.44;93.04 | 41.67;41.53 | 68200782  | 9.53  |
| SSL-8B    | LD-JFL | 98.58;97.10 | 95.31;92.03 | 40.08;39.99 | 121581188 | 16.98 |
| SSL-9B    | LD-JFL | 98.52;97.24 | 95.15;92.34 | 39.90;39.80 | 106258124 | 14.84 |
| WDB-10B   | SM-MN  | 98.52;97.11 | 95.11;92.00 | 39.61;39.46 | 115476152 | 16.13 |
| WDB-12B   | SM-MN  | 97.65;95.05 | 92.53;85.31 | 39.53;39.27 | 132894714 | 18.57 |
| WDB-14B   | SM-MN  | 98.51;97.24 | 95.11;92.36 | 40.01;39.87 | 120055260 | 16.77 |
| WDB-15B   | SM-MN  | 98.57;97.31 | 95.31;92.53 | 39.75;39.62 | 134838476 | 18.84 |
| WDB-17B   | SM-MN  | 98.43;97.21 | 94.89;92.28 | 39.67;39.58 | 123571434 | 17.26 |
| WDB-19B   | SM-MN  | 98.52;96.99 | 95.10;91.67 | 39.63;39.44 | 110504716 | 15.44 |
| WDB-1B    | SM-MN  | 97.94;97.74 | 93.59;92.54 | 39.73;39.79 | 144573002 | 20.20 |
| WDB-20B   | SM-MN  | 98.53;97.13 | 95.21;91.20 | 40.02;39.99 | 150165444 | 20.98 |
| WDB-21B   | SM-MN  | 98.42;96.93 | 94.77;91.50 | 39.42;39.32 | 112830782 | 15.76 |
| WDB-28B   | SM-MN  | 98.44;96.82 | 94.84;91.19 | 39.74;39.61 | 97791156  | 13.66 |
| WDB-29B   | SM-MN  | 98.46;96.93 | 94.92;91.50 | 39.64;39.50 | 93127632  | 13.01 |
| WDB-30B   | SM-MN  | 98.51;97.17 | 95.08;92.14 | 40.13;39.97 | 107765458 | 15.05 |
| WDB-31B   | SM-MN  | 98.30;96.86 | 94.44;91.31 | 39.64;39.46 | 95104770  | 13.29 |
| WDB-32B   | SM-MN  | 98.40;96.93 | 94.74;91.48 | 39.58;39.38 | 105707636 | 14.77 |
| WDB-34B   | SM-MN  | 98.40;96.87 | 94.73;91.32 | 39.39;39.20 | 106757740 | 14.91 |

|         |       |             |             |             |           |       |
|---------|-------|-------------|-------------|-------------|-----------|-------|
| WDB-35B | SM-MN | 98.45;96.95 | 94.88;91.55 | 39.56;39.38 | 111253158 | 15.54 |
| WDB-36B | SM-MN | 98.50;97.06 | 95.04;91.86 | 39.70;39.53 | 111838128 | 15.62 |
| WDB-37B | SM-MN | 98.49;96.92 | 95.00;91.49 | 39.62;39.43 | 122332732 | 17.09 |
| WDB-38B | SM-MN | 98.43;96.93 | 94.83;91.49 | 39.72;39.56 | 97161296  | 13.57 |
| WDB-41B | SM-MN | 98.44;96.86 | 94.82;91.30 | 39.78;39.55 | 108397898 | 15.14 |
| WDB-43B | SM-MN | 98.50;97.01 | 95.03;91.71 | 39.70;39.52 | 105094038 | 14.68 |
| WDB-44B | SM-MN | 98.49;96.97 | 95.01;91.61 | 39.78;39.61 | 123952068 | 17.32 |
| WDB-45B | SM-MN | 98.51;96.92 | 95.07;91.48 | 39.60;39.50 | 141020732 | 19.70 |
| WDB-48B | SM-MN | 98.47;96.97 | 94.93;91.60 | 39.76;39.60 | 106542884 | 14.88 |
| WDB-49B | SM-MN | 98.46;97.11 | 94.93;91.98 | 39.77;39.54 | 116367840 | 16.26 |
| WDB-4B  | SM-MN | 97.30;97.10 | 91.73;90.38 | 40.03;40.08 | 98272426  | 13.73 |
| WDB-50B | SM-MN | 98.49;96.99 | 95.02;91.68 | 39.90;39.76 | 102440860 | 14.31 |
| WDB-51B | SM-MN | 98.63;96.55 | 95.43;90.56 | 39.99;39.82 | 85651838  | 11.97 |
| WDB-52B | SM-MN | 98.30;96.81 | 94.44;91.16 | 39.93;39.75 | 80513398  | 11.25 |
| WDB-56B | SM-MN | 98.52;96.90 | 95.11;91.43 | 39.54;39.31 | 135169114 | 18.88 |
| WDB-57B | SM-MN | 98.56;97.10 | 95.26;91.99 | 39.88;39.71 | 88015134  | 12.30 |
| WDB-5B  | SM-MN | 97.29;97.11 | 91.78;90.44 | 40.32;40.36 | 79992450  | 11.17 |
| WDB-61B | SM-MN | 98.25;96.59 | 94.25;90.56 | 40.05;39.85 | 86478622  | 12.08 |
| WDB-62B | SM-MN | 98.50;97.16 | 95.06;92.10 | 40.06;39.97 | 97020704  | 13.55 |
| WDB-63B | SM-MN | 98.50;97.24 | 95.08;92.36 | 39.83;39.69 | 118188822 | 16.51 |
| WDB-65B | SM-MN | 98.48;97.05 | 95.00;91.83 | 39.64;39.49 | 138710776 | 19.38 |
| WDB-66B | SM-MN | 98.47;97.03 | 94.96;91.78 | 39.92;39.81 | 91316322  | 12.76 |
| WDB-67B | SM-MN | 98.47;97.29 | 95.01;92.47 | 39.54;39.47 | 121855942 | 17.02 |
| WDB-69B | SM-MN | 98.23;96.62 | 94.17;90.67 | 39.50;39.23 | 106779188 | 14.92 |
| WDB-70B | SM-MN | 98.05;96.62 | 93.74;90.67 | 40.49;40.31 | 113019320 | 15.79 |
| WDB-71B | SM-MN | 99.03;98.15 | 96.78;94.95 | 41.03;40.85 | 186509118 | 26.06 |
| WDB-72B | SM-MN | 98.48;97.00 | 94.99;91.69 | 39.66;39.45 | 136423782 | 19.06 |
| WDB-74B | SM-MN | 98.48;96.98 | 94.98;91.65 | 39.41;39.28 | 119977720 | 16.76 |
| WDB-75B | SM-MN | 98.49;97.06 | 95.03;91.85 | 39.74;39.61 | 96417110  | 13.47 |
| WDB-76B | SM-MN | 98.43;96.66 | 94.77;90.79 | 39.33;39.08 | 120176592 | 16.79 |
| WDB-77B | SM-MN | 98.47;97.19 | 94.98;92.19 | 39.96;39.88 | 94707774  | 13.23 |
| WDB-8B  | SM-MN | 98.58;96.89 | 95.31;91.43 | 39.87;39.68 | 83220356  | 11.63 |
| YB-10B  | SM-FL | 98.52;98.06 | 95.29;93.72 | 41.24;41.24 | 120054018 | 16.77 |
| YB-11B  | SM-FL | 97.01;96.07 | 91.03;87.05 | 39.55;39.60 | 94841034  | 13.25 |
| YB-15B  | SM-FL | 97.99;97.69 | 93.73;92.38 | 39.59;39.63 | 121460636 | 16.97 |
| YB-18B  | SM-FL | 97.69;97.37 | 92.82;91.30 | 39.59;39.73 | 105171178 | 14.69 |
| YB-19B  | SM-FL | 97.72;97.37 | 92.91;91.32 | 39.84;39.89 | 123227524 | 17.21 |
| YB-1B   | SM-FL | 97.42;96.67 | 92.00;89.06 | 39.51;39.64 | 89379348  | 12.49 |

|        |       |             |             |             |           |       |
|--------|-------|-------------|-------------|-------------|-----------|-------|
| YB-22B | SM-FL | 97.98;97.74 | 93.69;92.54 | 39.89;39.93 | 134796764 | 18.83 |
| YB-23B | SM-FL | 97.81;97.41 | 93.16;91.47 | 39.62;39.75 | 114887356 | 16.05 |
| YB-2B  | SM-FL | 97.64;97.29 | 92.67;91.05 | 39.24;39.24 | 99135168  | 13.85 |
| YB-5B  | SM-FL | 97.89;96.41 | 93.32;88.40 | 40.00;40.15 | 63312516  | 8.84  |
| YB-6B  | SM-FL | 98.39;97.47 | 94.86;91.87 | 40.82;40.89 | 62220006  | 8.69  |
| YB-7B  | SM-FL | 97.70;97.22 | 92.82;90.85 | 39.78;39.89 | 88964994  | 12.43 |
| YB-8B  | SM-FL | 97.66;97.11 | 92.70;90.52 | 39.86;39.94 | 93833060  | 13.11 |
| YB-9B  | SM-FL | 97.74;97.28 | 92.96;91.04 | 39.30;39.40 | 110135522 | 15.39 |

| <b>Mapping on draft genome(%)</b> | <b>Sequencing depth</b> |
|-----------------------------------|-------------------------|
| 99.11                             | 4.245015089             |
| 91.05                             | 5.18029178              |
| 99.04                             | 4.802904304             |
| 99.12                             | 4.889439728             |
| 98.96                             | 4.702055417             |
| 99.11                             | 5.433602438             |
| 99.33                             | 4.504089091             |
| 85.77                             | 6.544831694             |
| 97.66                             | 4.744339366             |
| 99.26                             | 8.03400544              |
| 98.78                             | 3.846397958             |
| 98.64                             | 2.831128003             |
| 98.17                             | 3.666879264             |
| 97.76                             | 4.251887172             |
| 95.48                             | 3.877753652             |
| 97.79                             | 3.933519443             |
| 95.65                             | 4.605847418             |
| 99.17                             | 4.662150679             |
| 99.1                              | 4.177825083             |
| 98.89                             | 5.381160443             |
| 98.57                             | 3.900076537             |
| 98.66                             | 3.877905256             |
| 95                                | 3.65012204              |
| 98.87                             | 4.039250296             |
| 98.5                              | 4.285799323             |
| 98.34                             | 4.573949592             |
| 95.04                             | 5.652163227             |
| 98.11                             | 3.861588586             |
| 98.93                             | 4.572322479             |
| 99.06                             | 3.857521925             |
| 97.37                             | 3.289648681             |
| 98.27                             | 3.342402758             |
| 98.54                             | 4.057670136             |
| 97.99                             | 4.170604429             |
| 95.91                             | 3.958046537             |
| 98.13                             | 4.110498894             |

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| 27.27 | 4.748075476 |
| 99.03 | 3.875635062 |
| 98.6  | 3.338512445 |
| 99.01 | 3.377378373 |
| 99.03 | 4.110015754 |
| 98.76 | 4.935249641 |
| 98.23 | 3.528277492 |
| 99.07 | 4.386209269 |
| 99.01 | 3.464230631 |
| 97.12 | 3.710637558 |
| 98.28 | 4.254459855 |
| 99.09 | 3.568849337 |
| 99.11 | 4.38758338  |
| 99    | 3.916597436 |
| 98.9  | 4.168976599 |
| 97.86 | 7.841359035 |
| 98.78 | 4.615692396 |
| 96.8  | 4.560030423 |
| 98.42 | 3.624804744 |
| 99.25 | 3.784710495 |
| 99.06 | 3.962199175 |
| 98.95 | 4.20944373  |
| 98.82 | 3.926927347 |
| 98.71 | 3.046406236 |
| 99.03 | 3.823521376 |
| 99.01 | 3.412638098 |
| 99.12 | 3.57817621  |
| 98.88 | 4.675362038 |
| 98.13 | 3.571418434 |
| 97.24 | 4.148727031 |
| 97.92 | 3.863673018 |
| 96.57 | 4.300218038 |
| 96.69 | 4.618973696 |
| 95.97 | 5.904528315 |
| 98.97 | 3.387116842 |
| 98.32 | 3.479883958 |
| 96.98 | 4.171373204 |
| 99.19 | 5.434362606 |



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| 98.67 | 3.988189585 |
| 98.73 | 4.026047634 |
| 99.18 | 7.840845054 |
| 96.32 | 4.466586785 |
| 98.33 | 4.672957992 |
| 99.15 | 4.043380969 |
| 98.76 | 4.289131636 |
| 98.96 | 4.019207019 |
| 98.57 | 4.515709915 |
| 98.9  | 4.541960678 |
| 99.17 | 5.291170688 |
| 97.62 | 5.927124282 |
| 98.28 | 3.687767252 |
| 98.19 | 3.986173019 |
| 97.78 | 4.812557872 |
| 99.13 | 6.931338047 |
| 99.04 | 5.077230794 |
| 98.48 | 3.228404553 |
| 99.13 | 5.293282106 |
| 99.13 | 4.619951004 |
| 98.78 | 5.329359108 |
| 99.01 | 4.281678781 |
| 99.16 | 4.932805968 |
| 99.19 | 5.69829096  |
| 99.07 | 4.977653367 |
| 98.54 | 3.141216903 |
| 98.98 | 3.261752875 |
| 99.15 | 4.306142041 |
| 99.12 | 4.006692802 |
| 98.97 | 3.619940261 |
| 98.24 | 4.139883746 |
| 97.74 | 3.724815465 |
| 97.67 | 3.075606493 |
| 97.58 | 4.726013034 |
| 96.13 | 3.172216586 |
| 98.26 | 4.674773824 |
| 98.37 | 4.052998317 |
| 97.26 | 4.011807148 |

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| 97.45 | 4.919736172 |
| 98.09 | 3.577178192 |
| 98.77 | 3.995534767 |
| 97.59 | 4.280598551 |
| 98.16 | 4.492748074 |
| 98.74 | 4.548823168 |
| 95.9  | 3.897435359 |
| 94.26 | 2.712702731 |
| 95.53 | 4.067328366 |
| 95.17 | 4.325888656 |
| 94.22 | 3.888367494 |
| 96.79 | 3.563937607 |
| 95.7  | 5.407808189 |
| 93.18 | 5.748855083 |
| 95.39 | 4.521075021 |
| 97.68 | 4.915292879 |
| 98.02 | 4.507736266 |
| 97.09 | 3.37513113  |
| 96.74 | 3.376858834 |
| 94.59 | 3.866669401 |
| 95.83 | 4.243456651 |
| 97.72 | 4.073607394 |
| 97.74 | 3.793887826 |
| 98.06 | 4.78765567  |
| 96.03 | 5.284245351 |
| 97.5  | 3.833158    |
| 99.02 | 8.174116252 |
| 97.12 | 4.497339474 |
| 95.72 | 3.325418084 |
| 98.55 | 4.192914762 |
| 94.35 | 4.762198427 |
| 96.48 | 3.749255057 |
| 97.92 | 5.885295053 |
| 97.31 | 4.492267713 |
| 98.44 | 4.534909737 |
| 92.82 | 3.605167237 |
| 96.22 | 5.1457257   |
| 96.83 | 4.068461311 |

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| 98.49 | 4.812784156 |
| 98.09 | 3.346834486 |
| 95.24 | 4.828023376 |
| 95.47 | 3.706393743 |
| 94.08 | 4.34459422  |
| 93.08 | 4.223708422 |
| 96.79 | 4.533941036 |
| 98.27 | 3.673373012 |
| 97.81 | 3.680780055 |
| 96.76 | 4.877090473 |
| 93.56 | 5.495069444 |
| 96.02 | 4.675450615 |
| 96.77 | 3.562177539 |
| 97.86 | 4.925394443 |
| 97.27 | 4.235712333 |
| 94.16 | 3.925130162 |
| 93.41 | 4.377561428 |
| 93.82 | 5.075404563 |
| 91.75 | 4.631758127 |
| 94.84 | 4.615662183 |
| 96.59 | 3.371708985 |
| 92.75 | 4.01179128  |
| 95.16 | 4.057035392 |
| 89.91 | 3.679296476 |
| 96.11 | 5.034296861 |
| 95.79 | 2.839325964 |
| 97.53 | 4.749820572 |
| 93.34 | 4.51679651  |
| 98.78 | 3.819270837 |
| 99.04 | 4.611583149 |
| 97.47 | 4.946102318 |
| 95.16 | 5.259969734 |
| 91.69 | 4.293269302 |
| 93.71 | 3.695186398 |
| 98.3  | 4.063462079 |
| 98.26 | 4.62978074  |
| 98.66 | 3.176098651 |
| 94.4  | 4.633607489 |

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| 97.2  | 4.453102434 |
| 99.13 | 6.657210138 |
| 91.29 | 4.900644741 |
| 99    | 4.356786224 |
| 98.86 | 5.050148949 |
| 98.99 | 3.98935875  |
| 97.07 | 4.124500544 |
| 95.26 | 4.343895285 |
| 99    | 4.956709256 |
| 99.1  | 4.088425155 |
| 99.31 | 4.617945286 |
| 99.52 | 6.199711683 |
| 99.21 | 4.73722773  |
| 99.13 | 5.088035687 |
| 99.01 | 4.56701762  |
| 89.62 | 4.613180677 |
| 99.64 | 6.655867584 |
| 98.35 | 4.377727824 |
| 95.47 | 4.442777813 |
| 98.6  | 4.174077945 |
| 98.31 | 4.442713711 |
| 97.92 | 4.329530451 |
| 98.92 | 3.955406076 |
| 99.1  | 4.344825704 |
| 99.12 | 5.118327917 |
| 99.04 | 4.255881035 |
| 98.46 | 4.753397549 |
| 98.96 | 3.442685038 |
| 99.11 | 4.366127172 |
| 99.17 | 4.101098954 |
| 99.03 | 4.964980285 |
| 99.2  | 5.365472868 |
| 96.78 | 3.392879559 |
| 98.94 | 4.986409956 |
| 99.07 | 4.829497092 |
| 99.31 | 4.81092529  |
| 99.22 | 3.697263927 |
| 99.23 | 5.468172283 |

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| 99.14 | 4.133315228 |
| 98.94 | 3.831548638 |
| 99.21 | 4.66929728  |
| 99.08 | 4.806484597 |
| 98.97 | 3.429771776 |
| 98.8  | 5.786065927 |
| 99.14 | 3.83668997  |
| 98.17 | 4.665939236 |
| 98.78 | 4.063861842 |
| 98.03 | 4.020581848 |
| 98.52 | 4.488588712 |
| 99.16 | 4.756195799 |
| 99.13 | 4.206765794 |
| 98.41 | 3.491450094 |
| 98.68 | 5.298189443 |
| 98.9  | 5.396488599 |
| 99.16 | 5.57859423  |
| 99.22 | 5.204660008 |
| 99.31 | 4.850800442 |
| 99.25 | 4.416694881 |
| 99.13 | 4.66187921  |
| 96.98 | 4.325320884 |
| 98.6  | 2.890215169 |
| 97.52 | 4.671348003 |
| 98.67 | 3.885704979 |
| 94.22 | 4.590798173 |
| 99.12 | 4.790034703 |
| 98.52 | 4.974230594 |
| 96.93 | 3.22852406  |
| 98.97 | 4.410776616 |
| 98.65 | 3.943245989 |
| 98.67 | 4.300309305 |
| 96.37 | 3.623660144 |
| 96.75 | 6.638117362 |
| 95.83 | 4.512791889 |
| 99.07 | 4.246663539 |
| 98.82 | 2.819816033 |
| 97.87 | 4.126201261 |

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| 98.77 | 3.793676155 |
| 98.2  | 4.537877162 |
| 99.1  | 5.065495752 |
| 98.79 | 5.552775147 |
| 98.49 | 3.527451429 |
| 97.93 | 4.47578124  |
| 98.45 | 4.065426825 |
| 98.67 | 4.915505536 |
| 98.8  | 4.332498235 |
| 98.7  | 4.291747621 |
| 95.37 | 4.065956944 |
| 98.51 | 3.609574848 |
| 97.87 | 4.503185389 |
| 98.91 | 4.805108961 |
| 98.38 | 4.888758634 |
| 96.31 | 3.305594456 |
| 98.12 | 4.466371798 |
| 94.08 | 4.148648943 |
| 97.56 | 3.89050527  |
| 95.18 | 3.916019712 |
| 98.08 | 4.217031424 |
| 97.76 | 3.795895516 |
| 95.45 | 4.527632781 |
| 98.27 | 5.173401856 |
| 97.95 | 4.541949202 |
| 98.76 | 4.641130633 |
| 96.97 | 4.20666368  |
| 98.11 | 8.556925943 |
| 97.27 | 4.612962282 |
| 94.81 | 5.855491789 |
| 97.1  | 2.849125756 |
| 98.06 | 4.465920664 |
| 98.45 | 4.339138655 |
| 96.45 | 3.889330278 |
| 98.09 | 4.547105326 |
| 97.76 | 4.063938137 |
| 99.01 | 5.572288216 |
| 98.3  | 4.352789403 |

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| 96.57 | 4.65889493  |
| 98.72 | 3.332028738 |
| 98.07 | 3.543347088 |
| 97.79 | 4.556022485 |
| 97.28 | 3.619485362 |
| 97.1  | 4.953789975 |
| 98.27 | 4.027715538 |
| 97.25 | 5.076860079 |
| 98.63 | 3.138048745 |
| 98.41 | 4.905080952 |
| 97.69 | 4.579988081 |
| 95    | 6.26317051  |
| 97.53 | 4.379821133 |
| 98.55 | 4.972952231 |
| 91.97 | 5.053511654 |
| 96.06 | 5.051665698 |
| 98.18 | 3.54385551  |
| 98.65 | 4.412984591 |
| 98.26 | 8.450592354 |
| 97.52 | 3.521963678 |
| 97.65 | 4.970370045 |
| 98.42 | 5.077621951 |
| 97.33 | 3.821809631 |
| 98.29 | 3.884795359 |
| 98.72 | 3.808192055 |
| 98.08 | 3.689389165 |
| 98.41 | 4.678885043 |
| 96.9  | 4.759507581 |
| 94.16 | 5.182319014 |
| 98.05 | 3.919152547 |
| 97.75 | 5.820352289 |
| 95.71 | 3.563940566 |
| 98.5  | 4.126829371 |
| 95.66 | 2.962788391 |
| 93.94 | 4.446616934 |
| 98.33 | 5.118282284 |
| 95.37 | 3.682456745 |
| 97.42 | 3.579198344 |

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| 98.49 | 4.653536548 |
| 98.79 | 5.045893479 |
| 98.72 | 4.652137154 |
| 97.58 | 3.720165612 |
| 98.25 | 5.071184057 |
| 98.25 | 5.196466709 |
| 98.29 | 3.974767721 |
| 97.31 | 6.485295455 |
| 99.06 | 5.026446125 |
| 96.14 | 4.977379118 |
| 98.42 | 4.467955787 |
| 97.15 | 4.802237016 |
| 95.44 | 4.523475929 |
| 98.53 | 5.364457906 |
| 96.59 | 6.006729259 |
| 97.98 | 4.223976843 |
| 98.43 | 4.902294805 |
| 98.73 | 4.007286664 |
| 98.88 | 4.137887353 |
| 98.89 | 4.90689535  |
| 98.13 | 5.037207894 |
| 98.37 | 6.89132976  |
| 97.89 | 5.129163919 |
| 98.08 | 4.745355942 |
| 97.92 | 3.048622818 |
| 99.01 | 7.002460773 |
| 99.11 | 5.42704154  |
| 98.89 | 5.335804622 |
| 99.14 | 3.464623221 |
| 99.23 | 5.552598351 |
| 98.11 | 4.760514922 |
| 99.23 | 4.854055475 |
| 98.23 | 3.80609005  |
| 99.03 | 5.152073672 |
| 98.95 | 6.547016179 |
| 99.13 | 5.16341173  |
| 98.6  | 5.842088843 |
| 98.35 | 4.273553796 |



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| 98.94 | 4.292237844 |
| 97.61 | 4.345285893 |
| 99.07 | 3.741122901 |
| 99.1  | 5.519572241 |
| 98.26 | 5.517521338 |
| 99.06 | 5.142006893 |
| 99.22 | 4.426108448 |
| 98.57 | 3.429897559 |
| 98.7  | 4.562276052 |
| 95.76 | 3.445315727 |
| 98.06 | 4.015760757 |
| 97.6  | 3.863196244 |
| 94.97 | 3.962423487 |
| 99.13 | 5.1906502   |
| 96.09 | 3.431634855 |
| 98.43 | 4.110024898 |
| 98.52 | 5.152790089 |
| 98.3  | 4.168182542 |
| 97.36 | 4.077728206 |
| 98.67 | 4.569962991 |
| 99.06 | 4.620202391 |
| 99.12 | 4.703096826 |
| 98.59 | 4.856551773 |
| 98.14 | 5.051249081 |
| 98.83 | 4.819005627 |
| 98.82 | 4.636601272 |
| 98.98 | 4.646106734 |
| 97.92 | 4.756576914 |
| 96.87 | 5.127960238 |
| 97.56 | 6.181677531 |
| 98.3  | 4.633803471 |
| 99.08 | 5.10448325  |
| 99.09 | 4.703382192 |
| 98.89 | 4.298415116 |
| 96.75 | 4.867553005 |
| 98.97 | 3.402255292 |
| 98.25 | 8.368318944 |
| 96.95 | 2.770807121 |

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| 97.15 | 3.953741309 |
| 98.53 | 5.104135665 |
| 99.2  | 5.928633142 |
| 99.11 | 3.458844277 |
| 99.22 | 3.034665994 |
| 99.11 | 4.636598941 |
| 97.96 | 3.675677005 |
| 98.92 | 4.236770329 |
| 98.5  | 4.605190262 |
| 98.78 | 5.103701476 |
| 97.97 | 4.489136133 |
| 94.93 | 5.744462892 |
| 97.88 | 4.534199685 |
| 98.36 | 5.062796569 |
| 98.81 | 5.581004103 |
| 98.15 | 4.500309768 |
| 97.15 | 4.320090437 |
| 98.87 | 4.157011238 |
| 98.85 | 2.98956183  |
| 97.57 | 3.972673516 |
| 96.21 | 3.05720297  |
| 96.7  | 5.450060222 |
| 97.62 | 4.763180755 |
| 98.54 | 5.17639277  |
| 99.04 | 5.957206097 |
| 99.32 | 5.381658196 |
| 98.27 | 6.044338162 |
| 98.76 | 5.539276002 |
| 99.18 | 4.95354065  |
| 99.29 | 6.480702979 |
| 98.97 | 6.731392631 |
| 99    | 5.057810068 |
| 97.04 | 4.383636137 |
| 99.04 | 4.174586637 |
| 97.16 | 4.830749276 |
| 99.19 | 4.263214831 |
| 99.27 | 4.7385043   |
| 99.38 | 4.785576796 |

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| 99.13 | 4.987090692 |
| 99.13 | 5.013312855 |
| 99.31 | 5.483749316 |
| 99.27 | 4.355401712 |
| 98.91 | 4.859099353 |
| 99.18 | 4.710998843 |
| 99.36 | 5.556338495 |
| 98.96 | 6.321467116 |
| 99.2  | 4.775945552 |
| 99.28 | 5.21636403  |
| 98.88 | 4.405209791 |
| 99.31 | 4.592066136 |
| 99.32 | 3.839472889 |
| 99.12 | 3.609134562 |
| 99.15 | 6.059159509 |
| 98.93 | 3.945411199 |
| 99.21 | 3.585782282 |
| 99.05 | 3.87653473  |
| 99.26 | 4.349099464 |
| 99.25 | 5.297992297 |
| 98.77 | 6.217919853 |
| 99.14 | 4.093391933 |
| 99.18 | 5.462376484 |
| 98.78 | 4.786538235 |
| 99.08 | 5.066261568 |
| 99.51 | 8.360552662 |
| 99.21 | 6.115401896 |
| 99.25 | 5.378182349 |
| 98.43 | 4.322042452 |
| 99.26 | 5.387097086 |
| 98.39 | 4.245418886 |
| 98.02 | 3.73047804  |
| 99.4  | 5.381602522 |
| 98.96 | 4.251392467 |
| 99.26 | 5.444656296 |
| 98.91 | 4.71445676  |
| 99.04 | 5.523859717 |
| 98.79 | 4.00656415  |

|       |             |
|-------|-------------|
| 98.49 | 6.042468359 |
| 99.22 | 5.149999101 |
| 99.1  | 4.443883503 |
| 99.06 | 2.83807907  |
| 99.34 | 2.789105661 |
| 98.3  | 3.987990107 |
| 96.6  | 4.206208511 |
| 99.27 | 4.936990971 |