

**Supplementary Table 1:** Data from conventionally sectioned and polished zircon analyses

| Sample name      | Ages (Ma)                                  |  |   |                   |                   |                   | % radiogenic | Corrected isotope ratios                    |   |   |   |   |   | Correlation<br>of ellipses | Th/U  | U (ppm) |
|------------------|--|--|---|-------------------|-------------------|-------------------|--------------|---|---|---|---|---|---|----------------------------|-------|---------|
|                  | <sup>206</sup> Pb/ <sup>238</sup> U ± (1σ) | <sup>207</sup> Pb/ <sup>235</sup> U ± (1σ) | <sup>207</sup> Pb/ <sup>206</sup> Pb ± (1σ) | <sup>206</sup> Pb | <sup>207</sup> Pb | <sup>206</sup> Pb |              | <sup>206</sup> Pb*/ <sup>238</sup> U ± (1σ) | <sup>207</sup> Pb*/ <sup>235</sup> U ± (1σ) | <sup>207</sup> Pb*/ <sup>206</sup> Pb* ± (1σ) | <sup>207</sup> Pb*/ <sup>206</sup> Pb* ± (1σ) | <sup>207</sup> Pb*/ <sup>206</sup> Pb* ± (1σ) | <sup>207</sup> Pb*/ <sup>206</sup> Pb* ± (1σ) |                            |       |         |
| JAB4F_3          | 999.7                                      | 51.3                                       | 986.0                                       | 39.2              | 955.5             | 57.2              | 99.0         | 0.1678                                      | 0.0093                                      | 1.6410  | 0.1019  | 0.0709  | 0.0020  | 0.8927                     | 1.041 | 199     |
| JAB4F_4          | 2506                                       | 84   | 2591  | 40                | 2658              | 13                | 99.0         | 0.4751                                      | 0.0192                                      | 11.8300                                       | 0.5084  | 0.1805  | 0.0014  | 0.9849                     | 0.277 | 375     |
| JAB4F_8          | 2098                                       | 67   | 2421  | 34                | 2705              | 13                | 97.4         | 0.3846                                      | 0.0145                                      | 9.8520  | 0.3628  | 0.1858  | 0.0015  | 0.9781                     | 0.935 | 334     |
| JAB4F_13c        | 1751                                       | 63   | 1762  | 34                | 1775              | 12                | 99.8         | 0.3122                                      | 0.0128                                      | 4.6710  | 0.1921  | 0.1085  | 0.0007  | 0.9876                     | 0.337 | 481     |
| JAB4F_13r        | 1755                                       | 85   | 1743  | 46                | 1729              | 22                | 99.2         | 0.3129                                      | 0.0173                                      | 4.5660  | 0.2523  | 0.1058  | 0.0013  | 0.9765                     | 0.214 | 268     |
| JAB41A_1         | 785.1                                      | 37.1                                       | 1087  | 34                | 1756              | 18                | 98.8         | 0.1295                                      | 0.0065                                      | 1.9180  | 0.0973  | 0.1074  | 0.0010  | 0.9814                     | 0.328 | 1134    |
| JAB41A_2         | 2522                                       | 124  | 2628  | 56                | 2711              | 9                 | 99.6         | 0.4787                                      | 0.0285                                      | 12.3100                                       | 0.7382  | 0.1865  | 0.0011  | 0.9955                     | 0.951 | 164     |
| JAB41A_5         | 1755                                       | 58   | 2178  | 33                | 2605              | 6                 | 99.6         | 0.3129                                      | 0.0117                                      | 7.5460  | 0.2809  | 0.1749  | 0.0007  | 0.9951                     | 0.138 | 454     |
| JAB41A_6         | 724.7                                      | 35.7                                       | 847.2                                       | 64.0              | 1183              | 169               | 95.5         | 0.1190                                      | 0.0062                                      | 1.3030  | 0.1453  | 0.0795  | 0.0068  | 0.6727                     | 0.353 | 279     |
| JAB41A_26r       | 500.8                                      | 17.8                                       | 536.1                                       | 22.1              | 689.5             | 81.1              | 97.3         | 0.0808                                      | 0.0030                                      | 0.6956  | 0.0369  | 0.0625  | 0.0024  | 0.6969                     | 0.010 | 662     |
| JAB66A_9c        | 1686                                       | 58   | 1755  | 34                | 1839              | 12                | 99.7         | 0.2990                                      | 0.0117                                      | 4.6340  | 0.1893  | 0.1124  | 0.0008  | 0.9864                     | 0.235 | 457     |
| JAB66A_9r        | 1494                                       | 81   | 1520  | 58                | 1557              | 54                | 97.9         | 0.2607                                      | 0.0159                                      | 3.4690  | 0.2553  | 0.0965  | 0.0028  | 0.9259                     | 0.513 | 147     |
| JAB66A_14        | 2297                                       | 86   | 2460  | 41                | 2599              | 13                | 99.7         | 0.4280                                      | 0.0192                                      | 10.2800                                       | 0.4580  | 0.1742  | 0.0014  | 0.9845                     | 0.270 | 240     |
| JAB66A_22        | 1651                                       | 65   | 1693  | 38                | 1747              | 14                | 99.6         | 0.2918                                      | 0.0131                                      | 4.3000  | 0.1990  | 0.1069  | 0.0008  | 0.9872                     | 0.366 | 341     |
| JAB66A_23        | 1196                                       | 38   | 1455  | 27                | 1857              | 12                | 99.7         | 0.2038                                      | 0.0070                                      | 3.1910  | 0.1102  | 0.1136  | 0.0007  | 0.9827                     | 0.206 | 285     |
| JAB120C_3        | 977.1                                      | 51.9                                       | 956.8                                       | 43.5              | 910.3             | 60.5              | 99.2         | 0.1637                                      | 0.0094                                      | 1.5660  | 0.1098  | 0.0694  | 0.0020  | 0.9133                     | 0.334 | 155     |
| JAB120C_10c      | 1486                                       | 104  | 1454  | 72                | 1406.0            | 67                | 99.2         | 0.2593                                      | 0.0204                                      | 3.1860  | 0.2956  | 0.0891  | 0.0031  | 0.9287                     | 0.738 | 48      |
| JAB120C_10r      | 1092                                       | 51   | 1051  | 36.3              | 967.7             | 42.7              | 97.7         | 0.1845                                      | 0.0093                                      | 1.8160  | 0.1007  | 0.0714  | 0.0015  | 0.9262                     | 0.383 | 863     |
| JAB120C_26c      | 1001                                       | 40   | 976.6                                       | 31.7              | 921.4             | 49.2              | 99.3         | 0.1680                                      | 0.0072                                      | 1.6160  | 0.0816  | 0.0698  | 0.0017  | 0.8809                     | 0.313 | 182     |
| JAB120C_26r      | 932.2                                      | 85.9                                       | 844.2                                       | 84.6              | 619.4             | 200.4             | 96.7         | 0.1556                                      | 0.0154                                      | 1.2970  | 0.1913  | 0.0604  | 0.0056  | 0.7853                     | 0.395 | 64      |
| JAB141A_5        | 1828                                       | 76   | 1787  | 44                | 1739              | 28                | 99.1         | 0.3278                                      | 0.0157                                      | 4.8120  | 0.2518  | 0.1064  | 0.0016  | 0.9578                     | 0.420 | 239     |
| JAB141A_8        | 2503                                       | 219  | 2500  | 98                | 2498              | 21                | 98.8         | 0.4744                                      | 0.0500                                      | 10.7300                                       | 1.1270  | 0.1640  | 0.0021  | 0.9927                     | 0.580 | 73      |
| JAB141A_17c      | 2637                                       | 101  | 2672  | 42                | 2698              | 7                 | 99.4         | 0.5055                                      | 0.0235                                      | 12.8900                                       | 0.5779  | 0.1850  | 0.0007  | 0.9970                     | 0.964 | 372     |
| JAB141A_17r      | 2507                                       | 100  | 2620  | 41                | 2709              | 22                | 99.2         | 0.4754                                      | 0.0229                                      | 12.2000                                       | 0.5324  | 0.1862  | 0.0025  | 0.9618                     | 0.853 | 294     |
| JAB141A_21       | 1529                                       | 83   | 2043  | 53                | 2611              | 12                | 98.5         | 0.2677                                      | 0.0164                                      | 6.4800  | 0.3899  | 0.1755  | 0.0013  | 0.9928                     | 1.506 | 246     |
| JAB141B_1        | 2098                                       | 153  | 2308  | 77                | 2499              | 39                | 98.1         | 0.3847                                      | 0.0329                                      | 8.7090  | 0.7349  | 0.1642  | 0.0038  | 0.9634                     | 0.843 | 45      |
| JAB141B_3        | 1391                                       | 93   | 1362  | 55                | 1318              | 20                | 99.5         | 0.2407                                      | 0.0179                                      | 2.8250  | 0.2081  | 0.0851  | 0.0009  | 0.9903                     | 0.488 | 462     |
| JAB141B_4        | 1440                                       | 91   | 1379  | 57                | 1286              | 35                | 99.1         | 0.2503                                      | 0.0177                                      | 2.8890  | 0.2174  | 0.0837  | 0.0015  | 0.9721                     | 0.389 | 302     |
| JAB141B_5        | 1454                                       | 68   | 1415  | 40                | 1356              | 13                | 99.8         | 0.2531                                      | 0.0132                                      | 3.0290  | 0.1571  | 0.0868  | 0.0006  | 0.9917                     | 0.097 | 1136    |
| JAB141B_6        | 1512                                       | 61   | 1488  | 35                | 1454              | 26                | 99.4         | 0.2644                                      | 0.0120                                      | 3.3310  | 0.1486  | 0.0914  | 0.0013  | 0.9536                     | 0.408 | 318     |
| JAB141B_7c       | 2693                                       | 175  | 2590  | 74                | 2511              | 16                | 98.9         | 0.5186                                      | 0.0412                                      | 11.8200                                       | 0.9295  | 0.1653  | 0.0016  | 0.9929                     | 0.716 | 105     |
| JAB141B_7r       | 641.6                                      | 51.8                                       | 915.6                                       | 58.5              | 1651              | 75                | 89.5         | 0.1047                                      | 0.0089                                      | 1.4640  | 0.1419  | 0.1014  | 0.0041  | 0.9106                     | 2.002 | 699     |
| JAB141B_8r       | 1135                                       | 60   | 1073  | 39                | 949.0             | 37.4              | 99.3         | 0.1925                                      | 0.0112                                      | 1.8770  | 0.1104  | 0.0707  | 0.0013  | 0.9512                     | 0.423 | 309     |
| JAB150B1_1       | 944.2                                      | 64.8                                       | 1055  | 61                | 1292              | 87                | 96.9         | 0.1577                                      | 0.0116                                      | 1.8270  | 0.1708  | 0.0840  | 0.0038  | 0.8831                     | 0.068 | 488     |
| JAB150B1_13      | 1136                                       | 44   | 1188  | 31                | 1285              | 19                | 99.5         | 0.1926                                      | 0.0082                                      | 2.2220  | 0.0970  | 0.0837  | 0.0008  | 0.9744                     | 0.253 | 370     |
| JAB150B1_18      | 1163                                       | 45   | 1125  | 29                | 1054              | 13                | 99.8         | 0.1977                                      | 0.0083                                      | 2.0300  | 0.0873  | 0.0745  | 0.0005  | 0.9881                     | 0.215 | 758     |
| JAB150B1_24c     | 1957                                       | 83   | 2224  | 44                | 2480              | 6                 | 99.8         | 0.3546                                      | 0.0175                                      | 7.9370  | 0.3855  | 0.1623  | 0.0005  | 0.9978                     | 0.230 | 554     |
| JAB150B1_24r     | 1256                                       | 47   | 1622  | 34                | 2134              | 11                | 99.7         | 0.2152                                      | 0.0089                                      | 3.9380  | 0.1653  | 0.1327  | 0.0008  | 0.9894                     | 0.172 | 1094    |
| JAB154J_8        | 1714                                       | 85   | 1682  | 49                | 1642              | 21                | 99.7         | 0.3045                                      | 0.0173                                      | 4.2400  | 0.2548  | 0.1010  | 0.0011  | 0.9829                     | 0.477 | 255     |
| JAB154J_17       | 1970                                       | 94   | 1930  | 47                | 1887              | 17                | 99.7         | 0.3575                                      | 0.0198                                      | 5.6910  | 0.3090  | 0.1155  | 0.0011  | 0.9853                     | 1.962 | 315     |
| JAB154J_20       | 1094                                       | 47   | 1087  | 32                | 1073              | 35                | 99.5         | 0.1849                                      | 0.0086                                      | 1.9160  | 0.0923  | 0.0752  | 0.0013  | 0.9317                     | 0.152 | 721     |
| JAB235Arow1_3    | 2651                                       | 229  | 2703  | 105               | 2742              | 26                | 99.2         | 0.5088                                      | 0.0536                                      | 13.3300                                       | 1.4880  | 0.1900  | 0.0030  | 0.9908                     | 1.603 | 54      |
| JAB235Arow1_6    | 1037                                       | 46   | 1040  | 33                | 1046              | 27                | 99.7         | 0.1746                                      | 0.0084                                      | 1.7860  | 0.0915  | 0.0742  | 0.0010  | 0.9665                     | 0.493 | 359     |
| JAB235Arow1_12   | 1256                                       | 97   | 1294  | 64                | 1357              | 41                | 99.5         | 0.2152                                      | 0.0183                                      | 2.5760  | 0.2238  | 0.0868  | 0.0019  | 0.9694                     | 0.431 | 86      |
| JAB242Brow1_1    | 1006                                       | 54   | 1039  | 43                | 1109              | 46                | 99.6         | 0.1689                                      | 0.0097                                      | 1.7820  | 0.1191  | 0.0765  | 0.0018  | 0.9430                     | 0.511 | 208     |
| JAB242Brow1_7    | 841.4                                      | 31.2                                       | 1144  | 29                | 1775              | 15                | 99.1         | 0.1394                                      | 0.0055                                      | 2.0860  | 0.0873  | 0.1085  | 0.0009  | 0.9812                     | 0.858 | 1188    |
| JAB242Brow1_14lt | 608.1                                      | 21.2                                       | 682.2                                       | 18.0              | 934.9             | 12.8              | 99.6         | 0.0989                                      | 0.0036                                      | 0.9579  | 0.0348  | 0.0702  | 0.0004  | 0.9853                     | 0.167 | 2872    |
| JAB242Brow1_14dk | 704.7                                      | 20.2                                       | 824.8                                       | 21.3              | 1164.0            | 44.7              | 97.2         | 0.1155                                      | 0.0035                                      | 1.2530  | 0.0473  | 0.0787  | 0.0018  | 0.8012                     | 0.212 | 550     |

|                 |       |      |       |       |        |       |      |        |        |         |        |        |        |        |       |      |
|-----------------|-------|------|-------|-------|--------|-------|------|--------|--------|---------|--------|--------|--------|--------|-------|------|
| JAB242Brow1_18  | 649.5 | 22.8 | 655.6 | 17.8  | 676.8  | 14.5  | 99.7 | 0.1060 | 0.0039 | 0.9073  | 0.0335 | 0.0621 | 0.0004 | 0.9832 | 0.029 | 2263 |
| JAB242Brow1_19  | 989.0 | 33.4 | 1003  | 23    | 1032   | 7     | 100  | 0.1658 | 0.0060 | 1.6840  | 0.0614 | 0.0737 | 0.0002 | 0.9957 | 0.052 | 1539 |
| JAB242Brow2_7r  | 596.1 | 30.5 | 553.8 | 24.5  | 383.4  | 53.4  | 99.2 | 0.0969 | 0.0052 | 0.7253  | 0.0417 | 0.0543 | 0.0013 | 0.9110 | 0.007 | 769  |
| JAB263Arow1_3   | 1233  | 58   | 1197  | 36    | 1131   | 30    | 99.6 | 0.2109 | 0.0109 | 2.2500  | 0.1153 | 0.0774 | 0.0012 | 0.9566 | 0.198 | 210  |
| JAB263Arow1_8c  | 1811  | 82   | 1827  | 44    | 1845   | 12    | 99.9 | 0.3243 | 0.0169 | 5.0440  | 0.2646 | 0.1128 | 0.0007 | 0.9924 | 0.164 | 330  |
| JAB263Arow1_8r  | 1564  | 54   | 1683  | 32    | 1835   | 12    | 99.8 | 0.2745 | 0.0107 | 4.2470  | 0.1671 | 0.1122 | 0.0007 | 0.9868 | 0.190 | 281  |
| JAB263Arow1_9   | 520.8 | 20.5 | 521.5 | 18.9  | 524.5  | 35.5  | 99.6 | 0.0841 | 0.0034 | 0.6713  | 0.0312 | 0.0579 | 0.0009 | 0.9389 | 0.031 | 2056 |
| JAB263Arow1_9b  | 572.4 | 22.2 | 592.2 | 18.4  | 668.8  | 19.6  | 99.6 | 0.0929 | 0.0038 | 0.7918  | 0.0325 | 0.0618 | 0.0006 | 0.9750 | 0.126 | 2013 |
| JAB263Arow1_12c | 964.0 | 80.2 | 984.3 | 65.8  | 1030   | 95    | 98.7 | 0.1613 | 0.0145 | 1.6360  | 0.1707 | 0.0736 | 0.0035 | 0.8934 | 0.726 | 68   |
| JAB263Arow1_12r | 464.4 | 20.7 | 467.1 | 18.7  | 480.7  | 40.6  | 99.8 | 0.0747 | 0.0035 | 0.5842  | 0.0292 | 0.0567 | 0.0010 | 0.9301 | 0.014 | 600  |
| JAB263Arow1_17  | 1484  | 60   | 1938  | 40    | 2466   | 13    | 99.6 | 0.2590 | 0.0118 | 5.7460  | 0.2677 | 0.1609 | 0.0013 | 0.9860 | 0.278 | 617  |
| JAB263Arow1_19  | 1681  | 66   | 1756  | 38    | 1846   | 7     | 99.9 | 0.2980 | 0.0132 | 4.6370  | 0.2099 | 0.1129 | 0.0004 | 0.9963 | 0.476 | 476  |
| JAB263Arow2_5   | 479.5 | 26.2 | 483.4 | 22.6  | 502.1  | 36.7  | 99.8 | 0.0772 | 0.0044 | 0.6098  | 0.0358 | 0.0573 | 0.0010 | 0.9590 | 0.006 | 735  |
| JAB284Arow1_2c  | 855.0 | 20.7 | 915.3 | 44.2  | 1064.0 | 131.4 | 98.0 | 0.1418 | 0.0037 | 1.4630  | 0.1072 | 0.0748 | 0.0049 | 0.4671 | 1.069 | 73   |
| JAB284Arow1_3   | 593.7 | 5.7  | 611.0 | 7.3   | 675.4  | 25.7  | 99.2 | 0.0965 | 0.0010 | 0.8252  | 0.0132 | 0.0620 | 0.0007 | 0.6580 | 0.124 | 1638 |
| JAB284Arow1_4   | 1265  | 15   | 1418  | 15    | 1656   | 20    | 99.3 | 0.2169 | 0.0029 | 3.0430  | 0.0603 | 0.1018 | 0.0011 | 0.8563 | 0.358 | 408  |
| JAB284Arow1_5   | 489.2 | 10.0 | 474.0 | 15.2  | 401.1  | 80.3  | 98.7 | 0.0788 | 0.0017 | 0.5949  | 0.0239 | 0.0547 | 0.0020 | 0.4538 | 0.045 | 342  |
| JAB284Arow1_7   | 472.5 | 8.4  | 477.3 | 21.7  | 500.3  | 106.1 | 98.7 | 0.0761 | 0.0014 | 0.6001  | 0.0343 | 0.0572 | 0.0028 | 0.6072 | 0.022 | 323  |
| JAB284Arow1_9   | 2505  | 41   | 2586  | 18    | 2651   | 23    | 99.8 | 0.4749 | 0.0094 | 11.7700 | 0.2302 | 0.1798 | 0.0025 | 0.7521 | 0.523 | 443  |
| JAB284Arow1_10  | 1479  | 20   | 1614  | 12    | 1796   | 8     | 99.7 | 0.2578 | 0.0038 | 3.9030  | 0.0592 | 0.1098 | 0.0005 | 0.9573 | 0.281 | 466  |
| JAB284Arow1_11c | 2378  | 71   | 2536  | 45    | 2665   | 55    | 96.8 | 0.4461 | 0.0159 | 11.1500 | 0.5365 | 0.1813 | 0.0060 | 0.7263 | 1.681 | 29   |
| JAB284Arow1_11r | 512.7 | 7.5  | 509.1 | 21.6  | 493.3  | 112.5 | 98.4 | 0.0828 | 0.0013 | 0.6511  | 0.0350 | 0.0571 | 0.0029 | 0.3187 | 0.035 | 423  |
| JAB284Arow1_13  | 572.7 | 9.8  | 537.5 | 36.5  | 390.8  | 184.6 | 96.4 | 0.0929 | 0.0017 | 0.6978  | 0.0610 | 0.0545 | 0.0045 | 0.3798 | 0.136 | 274  |
| JAB284Arow2_2   | 1662  | 31   | 1728  | 20    | 1810   | 31    | 98.8 | 0.2940 | 0.0063 | 4.4850  | 0.1098 | 0.1106 | 0.0019 | 0.7367 | 0.942 | 173  |
| JAB284Arow2_3   | 737.7 | 11.6 | 690.1 | 16.4  | 537.8  | 59.9  | 98.1 | 0.1212 | 0.0020 | 0.9732  | 0.0318 | 0.0582 | 0.0016 | 0.5471 | 0.055 | 1214 |
| JAB284Arow2_4   | 643.6 | 9.8  | 729.3 | 17.1  | 1002   | 57    | 98.7 | 0.1050 | 0.0017 | 1.0510  | 0.0346 | 0.0726 | 0.0020 | 0.5244 | 0.113 | 345  |
| JAB284Arow2_5   | 967.0 | 15.1 | 992.7 | 23.0  | 1050   | 59    | 98.6 | 0.1618 | 0.0027 | 1.6580  | 0.0603 | 0.0743 | 0.0022 | 0.5995 | 0.943 | 514  |
| JAB285Arow1_1   | 1013  | 18   | 1006  | 25    | 992.4  | 65.2  | 98.7 | 0.1701 | 0.0033 | 1.6940  | 0.0653 | 0.0722 | 0.0023 | 0.5570 | 0.326 | 183  |
| JAB285Arow1_2   | 1406  | 23   | 1407  | 19    | 1409   | 27    | 99.1 | 0.2437 | 0.0044 | 2.9980  | 0.0765 | 0.0892 | 0.0013 | 0.8375 | 0.599 | 401  |
| JAB285Arow1_3c  | 1186  | 14   | 1255  | 10    | 1377   | 15    | 99.5 | 0.2019 | 0.0026 | 2.4420  | 0.0346 | 0.0877 | 0.0007 | 0.8480 | 0.512 | 1359 |
| JAB285Arow1_3r  | 756.5 | 9.4  | 794.4 | 13.0  | 902.2  | 38.1  | 98.7 | 0.1245 | 0.0016 | 1.1870  | 0.0280 | 0.0691 | 0.0013 | 0.6258 | 0.087 | 698  |
| JAB285Arow1_9   | 1017  | 26   | 998.1 | 34.8  | 956.0  | 79.2  | 98.6 | 0.1710 | 0.0047 | 1.6720  | 0.0915 | 0.0710 | 0.0027 | 0.7508 | 0.573 | 265  |
| JAB285Arow1_12  | 1878  | 53   | 1999  | 59    | 2126   | 83    | 97.3 | 0.3381 | 0.0111 | 6.1590  | 0.4127 | 0.1321 | 0.0063 | 0.7544 | 0.637 | 69   |
| JAB285Arow1_13  | 893.0 | 10.5 | 918.5 | 10.6  | 980.2  | 22.8  | 99.5 | 0.1486 | 0.0019 | 1.4710  | 0.0258 | 0.0718 | 0.0008 | 0.7709 | 0.735 | 1006 |
| JAB285Arow1_15c | 1006  | 57   | 1004  | 127   | 1001   | 356   | 92.1 | 0.1689 | 0.0103 | 1.6890  | 0.3350 | 0.0725 | 0.0127 | 0.5091 | 0.766 | 40   |
| JAB285Arow1_15r | 991.3 | 50.2 | 980.8 | 126.3 | 957.3  | 388.6 | 92.8 | 0.1662 | 0.0091 | 1.6270  | 0.3269 | 0.0710 | 0.0135 | 0.3281 | 0.507 | 47   |
| JAB285Arow2_1   | 918.9 | 19.6 | 873.9 | 25.9  | 761.6  | 81.3  | 96.7 | 0.1532 | 0.0035 | 1.3650  | 0.0603 | 0.0646 | 0.0025 | 0.4903 | 0.157 | 380  |
| JAB285Arow2_3   | 980.1 | 12.3 | 974.6 | 13.3  | 962.3  | 28.8  | 99.3 | 0.1642 | 0.0022 | 1.6110  | 0.0343 | 0.0712 | 0.0010 | 0.7600 | 0.269 | 994  |
| JAB285Arow2_4   | 993.3 | 19.8 | 960.6 | 53.1  | 886.4  | 158.8 | 97.2 | 0.1666 | 0.0036 | 1.5750  | 0.1346 | 0.0686 | 0.0053 | 0.5057 | 0.899 | 163  |
| JAB285Arow2_7   | 1480  | 30   | 1531  | 24    | 1603   | 42    | 98.8 | 0.2580 | 0.0059 | 3.5160  | 0.1080 | 0.0989 | 0.0022 | 0.6791 | 1.067 | 243  |
| JAB286Brow1_7   | 844.7 | 18.2 | 844.0 | 22.5  | 842.1  | 75.9  | 98.0 | 0.1400 | 0.0032 | 1.2960  | 0.0510 | 0.0671 | 0.0024 | 0.4121 | 0.295 | 314  |
| JAB286Brow1_7c  | 936.6 | 33.5 | 860.2 | 112.5 | 668.1  | 388.9 | 92.4 | 0.1564 | 0.0060 | 1.3330  | 0.2585 | 0.0618 | 0.0112 | 0.4071 | 0.727 | 64   |
| JAB286Brow1_10c | 2652  | 72   | 2760  | 34    | 2840   | 20    | 98.3 | 0.5090 | 0.0168 | 14.1500 | 0.5131 | 0.2017 | 0.0025 | 0.9397 | 0.638 | 72   |
| JAB286Brow1_10r | 1702  | 28   | 2138  | 19    | 2589   | 11    | 98.8 | 0.3021 | 0.0058 | 7.2140  | 0.1576 | 0.1732 | 0.0011 | 0.9591 | 0.158 | 504  |
| JAB286Brow2_4   | 1562  | 21   | 1834  | 15    | 2159   | 9     | 99.5 | 0.2742 | 0.0041 | 5.0880  | 0.0888 | 0.1346 | 0.0007 | 0.9585 | 0.389 | 504  |
| JAB286Brow2_5   | 979.0 | 12.8 | 987.2 | 22.7  | 1005.0 | 66.3  | 98.9 | 0.1640 | 0.0023 | 1.6440  | 0.0590 | 0.0727 | 0.0024 | 0.4150 | 1.143 | 304  |
| JAB286Brow2_7   | 923.9 | 29.4 | 983.8 | 64.9  | 1120.0 | 182.9 | 96.8 | 0.1541 | 0.0053 | 1.6350  | 0.1684 | 0.0770 | 0.0071 | 0.4790 | 2.447 | 144  |
| JAB286Brow2_9   | 978.0 | 12.6 | 1004  | 14    | 1061   | 26    | 99.5 | 0.1638 | 0.0023 | 1.6880  | 0.0367 | 0.0747 | 0.0010 | 0.8308 | 0.519 | 667  |
| JAB288Brow1_2   | 1352  | 21   | 1361  | 18    | 1376   | 32    | 99.2 | 0.2333 | 0.0039 | 2.8200  | 0.0664 | 0.0877 | 0.0015 | 0.6997 | 0.286 | 315  |
| JAB288Brow1_7   | 1587  | 37   | 1650  | 123   | 1732   | 241   | 95.6 | 0.2792 | 0.0074 | 4.0810  | 0.6169 | 0.1060 | 0.0139 | 0.7840 | 0.626 | 223  |
| JAB288Brow1_8   | 462.7 | 6.4  | 461.8 | 30.2  | 457.3  | 169.8 | 98.0 | 0.0744 | 0.0011 | 0.5758  | 0.0469 | 0.0561 | 0.0043 | 0.4157 | 0.038 | 472  |

|                |       |     |       |      |       |       |      |        |        |        |        |        |        |        |       |      |
|----------------|-------|-----|-------|------|-------|-------|------|--------|--------|--------|--------|--------|--------|--------|-------|------|
| JAB288Brow1_14 | 459.9 | 6.4 | 438.4 | 21.1 | 326.9 | 128.9 | 98.3 | 0.0740 | 0.0011 | 0.5399 | 0.0319 | 0.0530 | 0.0030 | 0.2836 | 0.012 | 628  |
| JAB288Brow2_2  | 1200  | 19  | 1296  | 23   | 1459  | 43    | 98.4 | 0.2045 | 0.0035 | 2.5830 | 0.0813 | 0.0916 | 0.0021 | 0.7112 | 0.756 | 594  |
| JAB288Brow2_5  | 1457  | 30  | 1484  | 60   | 1523  | 120   | 97.2 | 0.2535 | 0.0058 | 3.3120 | 0.2568 | 0.0948 | 0.0061 | 0.6916 | 0.738 | 97   |
| JAB288Brow2_6  | 524.3 | 7.1 | 523.5 | 15.4 | 520.2 | 73.9  | 98.1 | 0.0847 | 0.0012 | 0.6746 | 0.0254 | 0.0578 | 0.0019 | 0.4567 | 0.042 | 1276 |