

Presence of cancer-associated mutations in exhaled breath condensates of healthy individuals by next generation sequencing

SUPPLEMENTARY TABLE

Supplementary Table 1: Exhaled breath condensate (EBC) volumes, DNA amounts isolated, and sequencing data details from 20 healthy individuals studied for mutations in EBC by next generation sequencing

| Sample | Sample volume (ml) | Total DNA (ng) | % Reads on target | Mean depth | Uniformity |
|----------------|--------------------|----------------|-------------------|--------------|----------------|
| EBC 1 | 3.5 | 42 | 96.94 % | 1337 | 97.16 % |
| EBC 2a* | 3.9 | 52.2 | 94.86 % | 355.3 | 89.66 % |
| EBC 2b* | 3.6 | 60.6 | 89.58 % | 1679 | 92.06 % |
| EBC 3 | 1.8 | 63.6 | 87.25 % | 1051 | 90.21 % |
| EBC 4 | 3.5 | 74.1 | 77.56 % | 437.2 | 69.71 % |
| EBC 5 | 2.8 | 44.8 | 74.03 % | 173.2 | 78.14 % |
| EBC 6 | 2 | 110.3 | 84.48 % | 307.9 | 81.09 % |
| EBC 7 | 2.6 | 104.7 | 90.15 % | 1963 | 90.83 % |
| EBC 8 | 4 | 46.6 | 96.80 % | 2153 | 98.31 % |
| EBC 9 | 2.4 | 74.55 | 82.48 % | 557.4 | 92.79 % |
| EBC 10 | 3.5 | 39.9 | 90.31 % | 1216 | 99.26 % |
| EBC 11 | 3.74 | 36.8 | 73.99 % | 948.2 | 89.29 % |
| EBC 12 | 3.59 | 67.9 | 72.53 % | 918.4 | 86.38 % |
| EBC 13 | 3.58 | 82.3 | 74.64 % | 303 | 81.76 % |
| EBC 14 | 3.33 | 102.6 | 80.23 % | 71.77 | 78.27 % |
| EBC 15 | 3.2 | 102.6 | 72.44 % | 186.1 | 67.30 % |
| EBC 16 | 3.3 | 78.4 | 82.97 % | 1451 | 88.01 % |
| EBC 17 | 2.8 | 117.3 | 79.79 % | 742.9 | 76.82 % |
| EBC 18 | 3.5 | 124.3 | 79.40 % | 742 | 72.40 % |
| EBC 19 | 1.74 | 96.3 | 90.08 % | 1459 | 98.31 % |
| EBC 20 | 2.60 | 44.5 | 86.55 % | 870.1 | 98.31 % |
| Average | 3.1 | 74.6 | 83.67 % | 901.1 | 86.48 % |

*Two different specimens at one month interval