

Supplementary table 1. Swift Amplicon Normalase Panel sequencing metrics

| Sample     | Reads passed<br>filter | Yield (Mb) | Mean     | Stdev    | Median | Maximum | Bases without<br>coverage | 0x % | >=5x % | >=10x % | >=20x % | >=40x % |
|------------|------------------------|------------|----------|----------|--------|---------|---------------------------|------|--------|---------|---------|---------|
| Patient 0a | 900,754                | 272        | 2941.96  | 3405.34  | 2085   | 216863  | 46                        | 0.15 | 99.85  | 99.84   | 99.83   | 99.8    |
| Patient 0b | 2,381,756              | 719        | 15470.4  | 11416.18 | 12932  | 108010  | 43                        | 0.14 | 99.85  | 99.85   | 99.84   | 99.84   |
| Patient 3  | 1,458,602              | 440        | 9711.2   | 8845.54  | 7534   | 81585   | 42                        | 0.14 | 99.83  | 99.81   | 99.8    | 99.72   |
| Patient 1  | 1,424,114              | 430        | 8651.92  | 14635.48 | 4457   | 159997  | 40                        | 0.13 | 99.84  | 99.84   | 99.83   | 99.72   |
| Patient 4  | 1,501,130              | 453        | 9067.53  | 8965.74  | 6690   | 119267  | 42                        | 0.14 | 99.86  | 99.84   | 99.83   | 99.8    |
| Patient 2  | 1,710,539              | 517        | 11420.22 | 10814.68 | 8203   | 91027   | 41                        | 0.14 | 99.85  | 99.84   | 99.83   | 99.72   |