

| MAF    | Median Depth |          |      |                  |                  |         |        | N = 1      |           | N = 6      |           |
|--------|--------------|----------|------|------------------|------------------|---------|--------|------------|-----------|------------|-----------|
|        |              | samtools | GATK | VarScan2 mpileup | VarScan2 somatic | strelka | MuTect | RVD2 (T=0) | RVD2 (T*) | RVD2 (T=0) | RVD2 (T*) |
| 0.1%   | 39           |          |      |                  |                  |         | -0.02  |            |           |            |           |
|        | 408          |          |      |                  | -0.00            |         | 0.12   |            |           |            |           |
|        | 4129         |          |      |                  | 0.03             |         | 0.25   |            |           | 0.37       | 0.53      |
|        | 41449        |          |      |                  | 0.19             |         | 0.05   | 0.60       | 0.45      | 0.61       | 0.69      |
| 0.3%   | 36           |          |      |                  |                  |         | 0.60   |            |           |            |           |
|        | 410          |          |      |                  | 0.14             |         | 0.31   |            |           |            |           |
|        | 4156         |          |      |                  | 0.04             |         | 0.17   | 0.37       | 0.53      | 0.85       | 0.85      |
|        | 41472        |          |      |                  | 0.16             |         | 0.19   | 0.75       | 0.69      | 0.42       | 0.57      |
| 1.0%   | 53           |          |      |                  | -0.02            |         | 0.29   |            |           |            |           |
|        | 535          |          |      |                  | 0.18             |         | 0.36   |            |           | 0.46       | 0.46      |
|        | 5584         |          |      |                  | 0.01             |         | 0.41   | 0.86       | 0.90      | 0.81       | 0.96      |
|        | 55489        |          |      |                  | 0.13             | -0.01   | 0.43   | 0.65       | 0.88      | 0.43       | 0.93      |
| 10.0%  | 22           | 0.46     | 0.65 |                  | 0.59             | 0.53    | 0.79   |            |           |            |           |
|        | 260          |          | 0.75 |                  | 0.89             | 1.00    | 0.90   | 0.92       | 1.00      | 1.00       | 1.00      |
|        | 2718         |          | 0.88 |                  | 0.16             | 0.96    | 0.79   | 0.96       | 1.00      | 1.00       | 1.00      |
|        | 26959        |          | 0.75 |                  | 0.06             | 0.90    | 0.81   | 1.00       | 1.00      | 1.00       | 1.00      |
| 100.0% | 27           | 0.93     | 0.96 | 0.96             | 1.00             | 0.96    | 0.79   | 1.00       | 1.00      | 1.00       | 1.00      |
|        | 298          | 0.93     | 0.96 | 1.00             | 0.93             | 0.90    | 0.77   | 1.00       | 1.00      | 1.00       | 1.00      |
|        | 3089         | 0.92     | 0.96 | 1.00             | 0.25             | 0.90    | 0.81   | 1.00       | 1.00      | 1.00       | 1.00      |
|        | 30590        | 0.84     | 0.96 | 1.00             | 0.15             | 1.00    | 0.85   | 1.00       | 1.00      | 1.00       | 1.00      |