|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Total no. predictions | Avg. sensitivity | Avg. precision | Long read confirmed | CPU time | Citations | Year published |
| Retroseq | 2286 | 0.6 | 0.77 | 23% | 03:43:01 | 185 | 2013 |
| Melt | 638 | 0.48 | 0.81 | 13% | 03:23:05 | 232 | 2017 |
| Retroseq+ | 296 | 0.53 | 0.63 | 78% | 04:01:15 | NA | NA |
| Steak | 13770 | 0.13 | 0.9 | Non-ref: 41%  Ref + Non-ref: 77% | 04:48:35 | 18 | 2017 |
| ERVcaller | 439 | 0.77 | 0.9 | 16% | 14:17:22 | 13 | 2019 |

Supplementary table 3, condensed analysis.

This table draws together the results of all benchmarking experiments to give an overview of tool performance. The HERV specific tools are highlighted in blue, generalist tools in orange. The final two columns report the publication date and citation number to indicate popularity.