

Additional file 2: Environment used for FindNeighbour and Bugmat performance testing

| Property | Result |
|-----------------|--|
| Server | Baremetal server running Ubuntu 16.04 LTS |
| RAM | 128G RAM DDR3 |
| Cpu | 2 x Intel Xeon 2.4GHz |
| Cores used | 1 for server, 1 for database |
| Database | Postgres on localhost. |
| Database disc | Same as storage disc |
| Storage disc | Storage of fasta and reference compressed data on 12 TB RAID5 device (4 x 4TB discs, SATA, 7200 rpm) |