

Table S1: Summary of normalized individual sequence reads obtained from low and high pod number-containing parents and bulks of two inter-specific mapping populations mapped on *kabuli* chickpea genome

| Characteristics | Pusa 1103 X ILWC 46 | | | | Pusa 256 X ILWC 46 | | | | Total |
|---|---------------------|---------|-------|-------|--------------------|---------|-------|-------|-------|
| | Pusa 1103 | ILWC 46 | LPNB | HPNB | Pusa 256 | ILWC 46 | LPNB | HPNB | |
| Sequencing depth of coverage (fold) | 12.3 | 11.8 | 10.7 | 12.5 | 12.7 | 11.8 | 11.1 | 10.3 | 11.6 |
| Genome coverage (%) by uniquely mapped sequence reads | 64.7 | 63.5 | 64.1 | 65.2 | 65.1 | 63.5 | 63.8 | 62.7 | 64.1 |
| Genomic regions (Mb) covered (considering estimated chickpea genome size of ~ 740 Mb) | 478.8 | 469.9 | 474.3 | 482.5 | 481.7 | 469.9 | 472.1 | 464.0 | 474.2 |