

Table S3. Pair-wise nucleotide differences, estimated as the fraction of different nucleotides, for the *mat* chromosome and autosomes of six haploid genomes of *Neurospora tetrasperma*, and *N. crassa*.

| Pair-wise comparison | Chromosome | | | | | | |
|--|--------------------------|-----------|--------|--------|--------|--------|--------|
| | <i>mat</i> chromosome | Autosomes | | | | | |
| | LGI | LGII | LGIII | LGIV | LGV | LGVI | LGVII |
| Within <i>N. tetrasperma</i> lineages | | | | | | | |
| L1a-L1A | 0.0148 | 0.0044 | 0.0039 | 0.0038 | 0.0037 | 0.0048 | 0.0049 |
| L9a-L9A | 0.0277 | 0.0052 | 0.0044 | 0.0044 | 0.0042 | 0.0053 | 0.0055 |
| L4a-L4A | 0.0195 | 0.0047 | 0.0041 | 0.004 | 0.0038 | 0.0049 | 0.0051 |
| Between <i>N. tetrasperma</i> lineages | | | | | | | |
| L1a-L9a | 0.0337 | 0.0194 | 0.0175 | 0.0196 | 0.0197 | 0.0232 | 0.0246 |
| L1a-L9A | 0.0238 | 0.0188 | 0.0171 | 0.0191 | 0.0192 | 0.0225 | 0.0241 |
| L1A-L9a | 0.0337 | 0.0193 | 0.0173 | 0.0195 | 0.0196 | 0.023 | 0.0244 |
| L1A-L9A | 0.0200 | 0.0187 | 0.0168 | 0.0189 | 0.0191 | 0.0223 | 0.0239 |
| L1a-L4a | 0.0256 | 0.0206 | 0.0172 | 0.0211 | 0.0186 | 0.0234 | 0.0268 |
| L1a-L4A | 0.0242 | 0.0204 | 0.017 | 0.0208 | 0.0184 | 0.0232 | 0.0266 |
| L1A-L4a | 0.0262 | 0.0204 | 0.017 | 0.021 | 0.0184 | 0.0231 | 0.0267 |
| L1A-L4A | 0.0205 | 0.0202 | 0.0168 | 0.0206 | 0.0182 | 0.023 | 0.0264 |
| L9a-L4a | 0.0353 | 0.0209 | 0.0195 | 0.0222 | 0.0202 | 0.0244 | 0.0272 |
| L9a-L4A | 0.0351 | 0.0209 | 0.0195 | 0.0221 | 0.0202 | 0.0245 | 0.0272 |
| L9A-L4a | 0.0271 | 0.0204 | 0.0192 | 0.0217 | 0.0198 | 0.024 | 0.0269 |
| L9A-L4A | 0.0223 | 0.0203 | 0.0191 | 0.0215 | 0.0196 | 0.0239 | 0.0267 |
| <i>N. crassa</i> – <i>N. tetrasperma</i> | | | | | | | |
| <i>N. crassa</i> -L1a | 0.0381 | 0.0411 | 0.0395 | 0.0424 | 0.041 | 0.0455 | 0.0452 |
| <i>N. crassa</i> -L1A | 0.0380 | 0.0409 | 0.0393 | 0.0421 | 0.0407 | 0.0451 | 0.0449 |
| <i>N. crassa</i> -L9a | 0.0319 | 0.0411 | 0.0394 | 0.0426 | 0.0411 | 0.0454 | 0.0452 |

| | | | | | | | |
|----------------------|--------|--------|--------|--------|--------|--------|--------|
| <i>N.crassa</i> -L9A | 0.0380 | 0.041 | 0.0394 | 0.0423 | 0.0409 | 0.0454 | 0.0452 |
| <i>N.crassa</i> -L4a | 0.0388 | 0.0413 | 0.0398 | 0.043 | 0.0415 | 0.0456 | 0.0452 |
| <i>N.crassa</i> -L4A | 0.0387 | 0.0415 | 0.04 | 0.0431 | 0.0415 | 0.0458 | 0.0454 |
