**S6 Table:** Gene order conservation of pairs of genes between yeast and different species from putative parental clades.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Group | Species name | Number of conserved pairs | Percentage | Number of uniquely conserved pairs | Number of group conserved pairs |
| ZT | *Torulaspora delbrueckii* | 2517 | 44.40% | 69 | 171 |
| ZT | *Zygosaccharomyces rouxii* | 2012 | 35.50% | 17 | 171 |
| KLE | *Ashbya gossypii* | 2217 | 39.10% | 41 | 239 |
| KLE | *Kluyveromyces lactis* | 2258 | 39.90% | 27 | 239 |
| KLE | *Lachancea kluyveri* | 2426 | 42.80% | 7 | 239 |
| KLE | *Lachancea thermotolerans* | 2390 | 42.20% | 14 | 239 |
| KLE | *Lachancea waltii* | 2336 | 41.20% | 15 | 239 |