### Supplementary table 5. Quantitative real-time PCR primers

| Gene   | Forward primer (5' → 3') | Reverse primer (5' → 3') |
|--------|--------------------------|--------------------------|
| actin  | GCAAGCCTGGTATTTTGACCTT  | GCAACAGCAAGCTGTGGTGAAG   |
| ctr4   | CTTGGATTGTTGTCAGATGTA   | GTTTTGACCTGTGGTGAAGTGA   |
| ctr5   | GATGAGTATAGGGCTGAGTGGG  | GCAGGATTTAGGAGAAACAGG   |
| ctr6   | AGAGGTGTGTTGTTGTTGTA    | CTTGGATGGCTGAGTGGTGAAG   |
| fio1   | TTTTCTCCTTCTCCATTTCTG   | TCCATCAAGGTGACGTCTGGTAA |
| fip1   | TTACGCGGAGAGAGGACTGCG   | TCCGCTGCAATCCTCTCTCCT    |
| frp1   | GATTTGGCTGCTGCTGCTGCTG | TTTGGACGAGGCGCTCTCT     |
| ish1   | AGTTGGGATGCTGCTGCTGCTG | GGATTTGGGAGGCAAGGCAAG   |
| isu1   | AGCGCTTTTAAATGGCATCTCT  | TGCCTCTGCTATCCTACGTTACT  |
| pex7   | GTACCACCATTAGGATTAGGCGG | AGACAGACAGCAACCAACAAA   |
| ppr12  | TGAGACATCATCCTGCTTCCAG  | TCCGCTGACTAGGTTAAACC    |
| rds12  | CCAAGGCTCTGCTCTTACCAG   | GACACCCGATTCATCCACT     |
| sib1   | ATCCATCATAGCCATGAGACAG  | GCAGTTTTTGGCTGCTCTCT    |
| sib2   | TGGATTGGTCCCTGGCTGCTT   | CATACCCCTGATGCAAGAAGCCT |
| sid4   | AGATGGAGATCCTCGCTGCTCC  | CAAGTTGGAGCGCTGGCATCG   |
| SPAC15E1.02c | ACGACGTGACGCCGTAACCGATC | TGAGTTCCCCGACGTAGTGGCA |
| SPAC1F8.02c | GGAATGCAAGAGATCAAGCGATGC | GGCAGCTGAATGAAATCGATA |
| SPAC3G6.05 | GGGTATGTGTTTGAACCGCC   | TGGGGAGACATCACTGCTCTT    |
| SPAC458.03 | GTACTCCGTTAGGCTTACGTT  | TCCGCTGACTACATCTCTCTTTA  |
| SPAC56E4.03 | AGTTGATGACGCTTACGTT    | GAAAGCTGAGGAGCAAGTA   |
| SPBC1271.07c | TTTAGCTAGTTGCAAGGAGCGA | TCAGACCTCGACTCTCTGCGCTAA |
| SPBC27B12.03c | ATCCATCTTCTGCGCATAAGTGC | GTCACGTAGCTCGCTAGATA   |
| SPBC887.17 | ATTTGCGTCATGGTACGTT    | GTTGCGTCATGGTACGTT      |
| SPBC947.05c | CGAGTTGCCCTTGTTCTCTGCT | CCAGTGTCTACGCAGTCAGAATAB |
| SPBPB2B2.05 | CAAGGCAGTGGTGTGCTCTAAT | CCAAGCAATATCCAGAGGAGG |
| srx1   | ATTGGCGCAAGCTGCCAGATACAG | GGCAGGCTAGCTCGCTAGTCTCA |
| str1   | CAGACCGGAGAATATTAATTGAGG | TGGGTGACAGGACTACAGGGAAGGC |
| str3   | GGCCATCTACAGAATTTCTGTGC | GGCAGATCGCTCTCAATTCTCT |
| vps53  | GCCTTGGAGCAGAGCTTTGAGTGC | CGGCTACTGATTGCAAGGTTGA   |