**Supplementary Table 3. Probes for rDNA FISH**

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| --- | --- |
| **Probe Target** | **5’-Sequence-3’** |
| Y chromosome | Cy-5-(AATAAAC)6 |
| 240-bp IGS | Alexa488-TCCATTCACTAAAATGGCTTTTCTCTATAATACTTA  GAGAATATGGGAATATTTCAACATTTTTCACT |
| 18S rDNA probe | Stellaris probes. Each oligo was labelled with Quasar 570 on 3’ side.  Tataactactggcaggatcaac, catggcttaatctttgagacaa, tcacttttaattcgtgtgtact, actgatataatgagccttttgc, ctgttaacgatctaaggaacca, agaattaccacagttatccaag, aggttcatgttttaattgcatg, tagcctaataaaagcacacgtc, aatataacgatcttgcgatcgc, atacgatctgcatgttatctag, acatttgaaagatctgtcgtcg, gtcctagatactaccatcaaaa, gatatgagtcctgtattgttat, agtgtactcattccaattacag, caattggtccttgttaaaggat, ccgcaacaactttaatatacgc, agcacaagttcaactacgaacg, acaattgtaagttgtactaccc, atataagaactccaccggtaat, tgcaggtttttaaataggagga, cccacaataacactcgtttaag, tgctttaagcactctaatttgt, cacagaatattcaggcatttga, cagaacagaggtcttatttcat, cctcttgatctgaaaaccaatg, ccaaactgcttctattaatcat, ttaagttagtcttacgacggtc, aacatctttggcaaatgctttc, ctctaactttcgttcttgatta, tcgtttatggttagaactaggg, gagagagccataaaagtagcta, aattcctttaagtttcagcttt, aatctgtcttacacacttatgt, ccatagattcgagaaagagcta, atcactccacgaactaagaacg, ttcgttatcggaattaaccaga, caccataatcctgaagatatct, gaatgaaggctacataagcttc, acacaataagcattttactgcc, gctccacttacataaacacatt, gtgtccttataatgggacaaac, gcaatttgtccatttaagaagc, ctgttattgctcaatctcatta, ggtctaggaaatacacgttgat, ttcacaatcccaagcatgaaag, gaattccaagttcatcgtgaac, caatgcgagttaatgactcaca, taattcaatcggtagtagcgac |