**Supplementary Table S4 – Oligonucleotides used for generating the Illumina sequencing library and barcoding**

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| --- | --- | --- | --- | --- |
| Number | New Name | Sequence 5’-3’ | Comments | Supplier |
| 18 | NGS\_f | AAT-GAT-ACG-GCG-ACC-ACC-G | short amplifying oligo | Eurogentec |
| 19 | NGS\_r | CAA-GCA-GAA-GAC-GGC-ATA-CGA-G | short amplifying oligo | Eurogentec |
| 20 | NGS\_adapter\_f | AAT-GAT-ACG-GCG-ACC-ACC-GAG-ATC-TAC-ACT-CTT-TCC-CTA-CAC-GAC-GCT-CTT-CCG-ATC-TGT-ATA-AGG-AGG-AAA-AAA-TAT-G | NGS fwd oligo | Eurogentec |
| 21 | NGS\_adapter\_index1 | CAA-GCA-GAA-GAC-GGC-ATA-CGA-GAT-**CGT-GAT**-GTG-ACT-GGA-GTT-CAG-ACG-TGT-GCT-CTT-CCG-ATC-GAT-TGA-TGG-TGC-CTA-CAG | NNS15-NoAb1 | Eurogentec |
| 22 | NGS\_adaper\_index2 | CAA-GCA-GAA-GAC-GGC-ATA-CGA-GAT-**ACA-TCG**-GTG-ACT-GGA-GTT-CAG-ACG-TGT-GCT-CTT-CCG-ATC-GAT-TGA-TGG-TGC-CTA-CAG | NNS15-NoAb2  ErmBL-Ery | Eurogentec |
| 23 | NGS\_adapter\_index3 | CAA-GCA-GAA-GAC-GGC-ATA-CGA-GAT-**GCC-TAA**-GTG-ACT-GGA-GTT-CAG-ACG-TGT-GCT-CTT-CCG-ATC-GAT-TGA-TGG-TGC-CTA-CAG | NNS15-Ery1 | Eurogentec |
| 24 | NGS\_adapter\_index4 | CAA-GCA-GAA-GAC-GGC-ATA-CGA-GAT-**TGG-TCA**-GTG-ACT-GGA-GTT-CAG-ACG-TGT-GCT-CTT-CCG-ATC-GAT-TGA-TGG-TGC-CTA-CAG | NNS15-Ery2  ErmBL-Ole | Eurogentec |
| 25 | NGS\_adapter\_index13 | CAA-GCA-GAA-GAC-GGC-ATA-CGA-GAT-**TGT-TGA**-CTG-TGA-CTG-GAG-TTC-AGA-CGT-GTG-CTC-TTC-CGA-TCG-ATT-GAT-GGT-GCC-TAC-AG | NNS15-EF-P | Eurogentec |
| 26 | NGS\_adapter\_index14 | CAA-GCA-GAA-GAC-GGC-ATA-CGA-GAT-**ACG-GAA**-CTG-TGA-CTG-GAG-TTC-AGA-CGT-GTG-CTC-TTC-CGA-TCG-ATT-GAT-GGT-GCC-TAC-AG | NNS15-Ery + EF-P | Eurogentec |
| 27 | NGS\_adapter\_index15 | CAA-GCA-GAA-GAC-GGC-ATA-CGA-GAT-TC**T-GAC-AT**G-TGA-CTG-GAG-TTC-AGA-CGT-GTG-CTC-TTC-CGA-TCT-CAT-CAC-ACC-GAG-ATC-GC | ErmBL library | Eurogentec |
| 28 | NGS\_adapter\_index33 | CAA-GCA-GAA-GAC-GGC-ATA-CGA-GAT-**CGC-CTG**-GTG-ACT-GGA-GTT-CAG-ACG-TGT-GCT-CTT-CCG-ATC-TCA-TCA-CAC-CGA-GAT-CGC | NNS15 library | Eurogentec |