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| ***Oligo name*** | ***Full sequence (5'-3')*** | ***Barcode sequence (5'3')*** |
| Ion\_17 | CCATCTCATCCCTGCGTGTCTCCGACTCAGTCTATTCGTCGATGTCCACGAGGTCTCT | TCTATTCGTC |
| Ion\_18 | CCATCTCATCCCTGCGTGTCTCCGACTCAGAGGCAATTGCGATGTCCACGAGGTCTCT | AGGCAATTGC |
| Ion\_19 | CCATCTCATCCCTGCGTGTCTCCGACTCAGTTAGTCGGACGATGTCCACGAGGTCTCT | TTAGTCGGAC |
| Ion\_20 | CCATCTCATCCCTGCGTGTCTCCGACTCAGCAGATCCATCGATGTCCACGAGGTCTCT | CAGATCCATC |
| Ion\_21 | CCATCTCATCCCTGCGTGTCTCCGACTCAGTCGCAATTACGATGTCCACGAGGTCTCT | TCGCAATTAC |
| Ion\_22 | CCATCTCATCCCTGCGTGTCTCCGACTCAGTTCGAGACGCGATGTCCACGAGGTCTCT | TTCGAGACGC |
| Ion\_23 | CCATCTCATCCCTGCGTGTCTCCGACTCAGTGCCACGAACGATGTCCACGAGGTCTCT | TGCCACGAAC |
| Ion\_24 | CCATCTCATCCCTGCGTGTCTCCGACTCAGAACCTCATTCGATGTCCACGAGGTCTCT | AACCTCATTC |
| Ion\_25 | CCATCTCATCCCTGCGTGTCTCCGACTCAGCCTGAGATACGATGTCCACGAGGTCTCT | CCTGAGATAC |
| Ion\_26 | CCATCTCATCCCTGCGTGTCTCCGACTCAGTTACAACCTCGATGTCCACGAGGTCTCT | TTACAACCTC |
| Ion\_27 | CCATCTCATCCCTGCGTGTCTCCGACTCAGAACCATCCGCGATGTCCACGAGGTCTCT | AACCATCCGC |
| Ion\_28 | CCATCTCATCCCTGCGTGTCTCCGACTCAGATCCGGAATCGATGTCCACGAGGTCTCT | ATCCGGAATC |
| Ion\_29 | CCATCTCATCCCTGCGTGTCTCCGACTCAGTCGACCACTCGATGTCCACGAGGTCTCT | TCGACCACTC |
| Ion\_30 | CCATCTCATCCCTGCGTGTCTCCGACTCAGCGAGGTTATCGATGTCCACGAGGTCTCT | CGAGGTTATC |
| Ion\_31 | CCATCTCATCCCTGCGTGTCTCCGACTCAGTCCAAGCTGCGATGTCCACGAGGTCTCT | TCCAAGCTGC |
| Ion\_32 | CCATCTCATCCCTGCGTGTCTCCGACTCAGTCTTACACACGATGTCCACGAGGTCTCT | TCTTACACAC |
| Ion\_33 | CCATCTCATCCCTGCGTGTCTCCGACTCAGTTCTCATTGAACGATGTCCACGAGGTCTCT | TTCTCATTGAAC |
| Ion\_34 | CCATCTCATCCCTGCGTGTCTCCGACTCAGTCGCATCGTTCGATGTCCACGAGGTCTCT | TCGCATCGTTC |
| Ion\_35 | CCATCTCATCCCTGCGTGTCTCCGACTCAGTAAGCCATTGTCGATGTCCACGAGGTCTCT | TAAGCCATTGTC |
| Ion\_36 | CCATCTCATCCCTGCGTGTCTCCGACTCAGAAGGAATCGTCGATGTCCACGAGGTCTCT | AAGGAATCGTC |
| Ion\_37 | CCATCTCATCCCTGCGTGTCTCCGACTCAGCTTGAGAATGTCGATGTCCACGAGGTCTCT | CTTGAGAATGTC |
| Ion\_38 | CCATCTCATCCCTGCGTGTCTCCGACTCAGTGGAGGACGGACGATGTCCACGAGGTCTCT | TGGAGGACGGAC |
| Ion\_39 | CCATCTCATCCCTGCGTGTCTCCGACTCAGTAACAATCGGCGATGTCCACGAGGTCTCT | TAACAATCGGC |
| Ion\_40 | CCATCTCATCCCTGCGTGTCTCCGACTCAGCTGACATAATCGATGTCCACGAGGTCTCT | CTGACATAATC |
| Ion\_R1 | CCTCTCTATGGGCAGTCGGTGATAGCGCTTAGGATGTCGACCTGCAGCGTACG | TCGCGAATC |
| Ion\_R2 | CCTCTCTATGGGCAGTCGGTGATGACTGATACGATGTCGACCTGCAGCGTACG | CTGACTATG |
| Ion\_R3 | CCTCTCTATGGGCAGTCGGTGATATTCAATTCGATGTCGACCTGCAGCGTACG | TAAGTTAAG |
| Ion\_R4 | CCTCTCTATGGGCAGTCGGTGATCTGAAACCGGATGTCGACCTGCAGCGTACG | GACTTTGGC |
| Ion\_R5 | CCTCTCTATGGGCAGTCGGTGATGTTGGGCCGGATGTCGACCTGCAGCGTACG | CAACCCGGC |
| Ion\_R6 | CCTCTCTATGGGCAGTCGGTGATTGGTATGCCGATGTCGACCTGCAGCGTACG | ACCATACGG |
| Ion\_R7 | CCTCTCTATGGGCAGTCGGTGATCAAGCGAGCGATGTCGACCTGCAGCGTACG | GTTCGCTCG |
| Ion\_R8 | CCTCTCTATGGGCAGTCGGTGATTCCCGACCGGATGTCGACCTGCAGCGTACG | AGGGCTGGC |
| Ion\_R9 | CCTCTCTATGGGCAGTCGGTGATGAGGATGATGATGTCGACCTGCAGCGTACG | CTCCTACTA |
| Ion\_R10 | CCTCTCTATGGGCAGTCGGTGATAAATCGAATGATGTCGACCTGCAGCGTACG | TTTAGCTTA |
| Ion\_R11 | CCTCTCTATGGGCAGTCGGTGATAGCTGCCGAGATGTCGACCTGCAGCGTACG | TCGACGGCT |
| Ion\_R12 | CCTCTCTATGGGCAGTCGGTGATAGAGGCTGCGATGTCGACCTGCAGCGTACG | TCTCCGACG |
| Ion\_R13 | CCTCTCTATGGGCAGTCGGTGATAACGTGAGGGATGTCGACCTGCAGCGTACG | TTGCACTCC |
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