

Supplementary Table 1 | 384 indexes for multiplex sequencing on Illumina instruments.

| Index Name | Index Sequence |
|------------|----------------|
| WIBR001    | ATTCTGAGC      |
| WIBR002    | CTCACACA       |
| WIBR003    | TCTGAGTG       |
| WIBR004    | TACGTGAG       |
| WIBR005    | ATCGAGTG       |
| WIBR006    | GAGCGAAA       |
| WIBR007    | ATGACGGT       |
| WIBR008    | GACGTAAC       |
| WIBR009    | TATCCGGT       |
| WIBR010    | GCATACAC       |
| WIBR011    | ATCGGATC       |
| WIBR012    | AGGATTCTG      |
| WIBR013    | TCGATTCTG      |
| WIBR014    | ATTGGACC       |
| WIBR015    | ATAGCTGC       |
| WIBR016    | GCCAAAGT       |
| WIBR017    | GCGACTTA       |
| WIBR018    | CACGCTAA       |
| WIBR019    | GGACGAAT       |
| WIBR020    | ATGTGCTG       |
| WIBR021    | TCCTATCG       |
| WIBR022    | AATCCTCC       |
| WIBR023    | CTTTGAGC       |
| WIBR024    | TGCAGCTT       |
| WIBR025    | ATTCCGCT       |
| WIBR026    | GCTTCCAA       |
| WIBR027    | TCCCTTGA       |
| WIBR028    | AGAGTAGG       |
| WIBR029    | TATGCAGC       |
| WIBR030    | GGCAGTAT       |
| WIBR031    | CAACTCTG       |
| WIBR032    | AGTGCGAA       |
| WIBR033    | TGCTCAAC       |
| WIBR034    | AAGCTGTG       |
| WIBR035    | AGAGGTTC       |
| WIBR036    | TATACCCG       |
| WIBR037    | AAGCAACG       |
| WIBR038    | CACTTCGT       |
| WIBR039    | TTGACTCC       |
| WIBR040    | GTCTGTGA       |
| WIBR041    | GTTCCCAT       |
| WIBR042    | CACTGTTC       |
| WIBR043    | TTGGAACG       |
| WIBR044    | CAACGTGA       |
| WIBR045    | CCTTTAGG       |

|         |          |
|---------|----------|
| WIBR046 | TCAAGGCT |
| WIBR047 | TGTACCGA |
| WIBR048 | CTATCTCC |
| WIBR049 | ACGAATCG |
| WIBR050 | AGACCGTT |
| WIBR051 | TCTGGATC |
| WIBR052 | GGATGACA |
| WIBR053 | CTGTAAGG |
| WIBR054 | GGATTGTG |
| WIBR055 | CATAACCC |
| WIBR056 | GCCAGTAA |
| WIBR057 | CGGCTTTA |
| WIBR058 | GATTAGGG |
| WIBR059 | CACTTCCA |
| WIBR060 | TGACCAAG |
| WIBR061 | GTTTTGGC |
| WIBR062 | ACTCACGT |
| WIBR063 | ACCGATCA |
| WIBR064 | TGACTCCT |
| WIBR065 | GCATCACA |
| WIBR066 | CTTACCGT |
| WIBR067 | GCCATTGT |
| WIBR068 | ATGTTGCC |
| WIBR069 | CGTTTCCT |
| WIBR070 | GAAGCCTA |
| WIBR071 | CACCTTGT |
| WIBR072 | TTTCCTCC |
| WIBR073 | GCACTACT |
| WIBR074 | TGGCATGT |
| WIBR075 | ACCGATAC |
| WIBR076 | ATGGGAGA |
| WIBR077 | GTATCCAG |
| WIBR078 | TAAGGCAG |
| WIBR079 | CCTAATGC |
| WIBR080 | CTTCGTGA |
| WIBR081 | CCCTTGAA |
| WIBR082 | TAGTTCGC |
| WIBR083 | GGTAACTG |
| WIBR084 | ATCCAGCT |
| WIBR085 | GAGATGCT |
| WIBR086 | AGCGTTTC |
| WIBR087 | TTTGCCCA |
| WIBR088 | AAACCCTG |
| WIBR089 | AGTCTTCC |
| WIBR090 | CGTTCAAG |
| WIBR091 | GCCAATGA |
| WIBR092 | TCAGGATG |
| WIBR093 | CTCATCCT |
| WIBR094 | CATATCGG |

|         |           |
|---------|-----------|
| WIBR095 | TCATCGAC  |
| WIBR096 | TGTTTCGGA |
| WIBR097 | AGTACCCT  |
| WIBR098 | GATCTGGA  |
| WIBR099 | TACGATCG  |
| WIBR100 | AGCTGCTA  |
| WIBR101 | GGAAAGGA  |
| WIBR102 | ACAGACCT  |
| WIBR103 | AATGGTCC  |
| WIBR104 | GGGATAGT  |
| WIBR105 | GAAACTGC  |
| WIBR106 | AAAGAGCC  |
| WIBR107 | TGTAGCGT  |
| WIBR108 | AGGTGCAT  |
| WIBR109 | TCTGGTAC  |
| WIBR110 | TACACGTG  |
| WIBR111 | AGACCAGT  |
| WIBR112 | AGTTTCCC  |
| WIBR113 | AGCCAATC  |
| WIBR114 | TAGAACCC  |
| WIBR115 | TCATTGCG  |
| WIBR116 | AGTGGTTG  |
| WIBR117 | GTTCCACA  |
| WIBR118 | ACCCAAGT  |
| WIBR119 | ACCGTGAA  |
| WIBR120 | TTGTTGGG  |
| WIBR121 | ATAGCGGA  |
| WIBR122 | TAACTCGG  |
| WIBR123 | GGTTGTAG  |
| WIBR124 | CAGCAAAC  |
| WIBR125 | CATTGGCA  |
| WIBR126 | TCCCATGT  |
| WIBR127 | CTGCACTT  |
| WIBR128 | TGATGCCA  |
| WIBR129 | CTAACTGC  |
| WIBR130 | AAGATCGC  |
| WIBR131 | TATGGGAG  |
| WIBR132 | TGAGAACG  |
| WIBR133 | GCTGACAT  |
| WIBR134 | CGTAGAAC  |
| WIBR135 | TGCCTTTC  |
| WIBR136 | ACCGATTG  |
| WIBR137 | CCGATTTC  |
| WIBR138 | CTCTCGTT  |
| WIBR139 | GAAACCCA  |
| WIBR140 | TTGGGAAG  |
| WIBR141 | GAGTGAGT  |
| WIBR142 | ACAGCTTC  |
| WIBR143 | AGACCTCA  |

|         |          |
|---------|----------|
| WIBR144 | GGTATCAG |
| WIBR145 | TACTCACC |
| WIBR146 | GCGCATAT |
| WIBR147 | CGAAGAGA |
| WIBR148 | AGTGTTGG |
| WIBR149 | GGACGATA |
| WIBR150 | AGGTTCGT |
| WIBR151 | AAACCGAC |
| WIBR152 | GCTTCTCT |
| WIBR153 | TAGCCATC |
| WIBR154 | ACCCGTTT |
| WIBR155 | TTTGCCAC |
| WIBR156 | CTCTGTCT |
| WIBR157 | GAGTCCTA |
| WIBR158 | GACCATAC |
| WIBR159 | AGCTGAGT |
| WIBR160 | CGGCTTAT |
| WIBR161 | GGGTTAAC |
| WIBR162 | TCCAATGC |
| WIBR163 | ATTCGACG |
| WIBR164 | CCATCTGT |
| WIBR165 | CCGTGTAT |
| WIBR166 | ATGGCTGA |
| WIBR167 | GAACGATG |
| WIBR168 | GTACCCAA |
| WIBR169 | TGATCACG |
| WIBR170 | ACGTTTGG |
| WIBR171 | CTGAGCAA |
| WIBR172 | GCAAATGC |
| WIBR173 | TGGACTAG |
| WIBR174 | ACCGTAAC |
| WIBR175 | GTGATCTG |
| WIBR176 | AACTCGGA |
| WIBR177 | CAACATCG |
| WIBR178 | ACGGTCAA |
| WIBR179 | GGTCGATT |
| WIBR180 | GTAGCTTC |
| WIBR181 | GGCGTATA |
| WIBR182 | ACGCAATG |
| WIBR183 | TCTACTCC |
| WIBR184 | CTATTGCG |
| WIBR185 | TATGCTCC |
| WIBR186 | CTAGACAG |
| WIBR187 | GGTAGCTT |
| WIBR188 | CACCGTTA |
| WIBR189 | ACTTGGAG |
| WIBR190 | GCCTTCAA |
| WIBR191 | GGTACAGT |
| WIBR192 | CGCAAGTA |

|         |           |
|---------|-----------|
| WIBR193 | TCTATGGG  |
| WIBR194 | CCATCTCA  |
| WIBR195 | TGCTAACG  |
| WIBR196 | AGGCTCTA  |
| WIBR197 | GTGCGATT  |
| WIBR198 | AAGGCTCA  |
| WIBR199 | GTCTTGCA  |
| WIBR200 | AACACCTG  |
| WIBR201 | GGATTCCCT |
| WIBR202 | CCTCCTTT  |
| WIBR203 | CGCTAGAA  |
| WIBR204 | TATCTCGC  |
| WIBR205 | GTGTGACT  |
| WIBR206 | GCAGTTGT  |
| WIBR207 | AGTCCACA  |
| WIBR208 | AACCATGC  |
| WIBR209 | GATAGCTG  |
| WIBR210 | TGCGACTA  |
| WIBR211 | CAATGGAC  |
| WIBR212 | CTTACGCT  |
| WIBR213 | GTTAGTGG  |
| WIBR214 | GCATCCTA  |
| WIBR215 | CAATCCCA  |
| WIBR216 | CTGAGTAG  |
| WIBR217 | TTGGTGGA  |
| WIBR218 | ACGCTAGT  |
| WIBR219 | GTCTAGCT  |
| WIBR220 | ACCCCAA   |
| WIBR221 | TTGTTCCC  |
| WIBR222 | ACCAACTG  |
| WIBR223 | GCGTCTTT  |
| WIBR224 | CTAATGCC  |
| WIBR225 | CCATGTGA  |
| WIBR226 | AGTCAGTG  |
| WIBR227 | GTACACCA  |
| WIBR228 | GCGTTAAG  |
| WIBR229 | GTAAGTGC  |
| WIBR230 | AATCCCAG  |
| WIBR231 | TCAGATGC  |
| WIBR232 | AGGTTACG  |
| WIBR233 | ACGGAGAA  |
| WIBR234 | GTCCTTTC  |
| WIBR235 | GTAAGAGG  |
| WIBR236 | AAGGCCAT  |
| WIBR237 | TATGTCCG  |
| WIBR238 | ACGTCTCT  |
| WIBR239 | TGAACGGA  |
| WIBR240 | CGAAGATC  |
| WIBR241 | CAGAGGAA  |

|         |          |
|---------|----------|
| WIBR242 | GTCAACTG |
| WIBR243 | ACGGAACA |
| WIBR244 | TTCTGTGG |
| WIBR245 | GAGCCTTA |
| WIBR246 | ATTCTGCG |
| WIBR247 | ACCGAAAG |
| WIBR248 | GTAGGAGA |
| WIBR249 | CTCGTGAA |
| WIBR250 | ACTCACCA |
| WIBR251 | GTTGTGGT |
| WIBR252 | TCCCCTT  |
| WIBR253 | CTTAAGCC |
| WIBR254 | GATTGAGG |
| WIBR255 | AGCCAAGA |
| WIBR256 | GCCTTTAG |
| WIBR257 | GTAAGGTG |
| WIBR258 | CTGACCTA |
| WIBR259 | TACTTCCC |
| WIBR260 | ACTTCGCT |
| WIBR261 | TTCACCTG |
| WIBR262 | ATTTGGCC |
| WIBR263 | AAGTGTCC |
| WIBR264 | GAACCAGT |
| WIBR265 | TTAACCGC |
| WIBR266 | CAACTGGT |
| WIBR267 | CTTGGGAA |
| WIBR268 | GATTCCAG |
| WIBR269 | GGAGAGTT |
| WIBR270 | ACACGATC |
| WIBR271 | GCGAGAAT |
| WIBR272 | ATGTCTCC |
| WIBR273 | ATCGAACG |
| WIBR274 | CCTAAGTC |
| WIBR275 | TCGCTAGA |
| WIBR276 | TGCGTTAG |
| WIBR277 | AGTAGCTC |
| WIBR278 | TAAGCTGG |
| WIBR279 | ACACCGAA |
| WIBR280 | GTGTTACG |
| WIBR281 | CCTTCATG |
| WIBR282 | AGGATGGT |
| WIBR283 | TCACCAAC |
| WIBR284 | GGCGTTAA |
| WIBR285 | TATCCACC |
| WIBR286 | GTTGTTGG |
| WIBR287 | CTACATGC |
| WIBR288 | CCCGTAAT |
| WIBR289 | GGTTGCTA |
| WIBR290 | GTTACCCT |

|         |          |
|---------|----------|
| WIBR291 | AACCAGTG |
| WIBR292 | CCCGTTAA |
| WIBR293 | AGTTCTGC |
| WIBR294 | TGCGAAAG |
| WIBR295 | ACGATTCC |
| WIBR296 | GCCCTATT |
| WIBR297 | GAACCCAT |
| WIBR298 | CTGTGGTT |
| WIBR299 | AGACCCAA |
| WIBR300 | GAGGTTGA |
| WIBR301 | ACACTTCC |
| WIBR302 | GACAACGA |
| WIBR303 | CGGGATTT |
| WIBR304 | TGGGTAAG |
| WIBR305 | ATCCTGGT |
| WIBR306 | CCCTCAAA |
| WIBR307 | TTGCCTCT |
| WIBR308 | GAGTGATC |
| WIBR309 | TGCACCTA |
| WIBR310 | CTGAAACG |
| WIBR311 | GCGTTGAT |
| WIBR312 | CCCTTTGA |
| WIBR313 | CTACCGAA |
| WIBR314 | TCTGTCGT |
| WIBR315 | AGTCTGAG |
| WIBR316 | TCAGCATC |
| WIBR317 | CTCTGACA |
| WIBR318 | GCGAACAT |
| WIBR319 | GGAAATGG |
| WIBR320 | CAGTTTGC |
| WIBR321 | TAACGACC |
| WIBR322 | TGGACTGT |
| WIBR323 | ACTTACCC |
| WIBR324 | CGATGTGT |
| WIBR325 | CCATCAGA |
| WIBR326 | TGTATCGG |
| WIBR327 | GTGGAGAA |
| WIBR328 | ACACTGAG |
| WIBR329 | ACTCCCAA |
| WIBR330 | TAAGTGGG |
| WIBR331 | TTAGCAGC |
| WIBR332 | CTGCTTCT |
| WIBR333 | AACAGCCA |
| WIBR334 | TGAAGCGA |
| WIBR335 | ACTTAGGG |
| WIBR336 | GTGTATCG |
| WIBR337 | CTGTCCTT |
| WIBR338 | ACACGTGA |
| WIBR339 | TGCTATCC |

|         |          |
|---------|----------|
| WIBR340 | GATCTCCT |
| WIBR341 | GTGATGGT |
| WIBR342 | TTCGAGAG |
| WIBR343 | CCCGTATA |
| WIBR344 | ACGAACAC |
| WIBR345 | CAGTGCTT |
| WIBR346 | ATCCGGAA |
| WIBR347 | TCTGAGGA |
| WIBR348 | TTCCAACG |
| WIBR349 | GGAGAATC |
| WIBR350 | CCTGTGAT |
| WIBR351 | CCTCATGT |
| WIBR352 | GGCATAAC |
| WIBR353 | CATCCTCT |
| WIBR354 | TGTGTGGA |
| WIBR355 | ATCATCCG |
| WIBR356 | TACGCATC |
| WIBR357 | TACCTGAC |
| WIBR358 | CTGTCCT  |
| WIBR359 | GCGTAGTA |
| WIBR360 | ATCCACGT |
| WIBR361 | GTCCGTTA |
| WIBR362 | CATAGGAC |
| WIBR363 | TCGGAAAG |
| WIBR364 | AGCTAAGG |
| WIBR365 | GGTGTTGA |
| WIBR366 | ATCTCACC |
| WIBR367 | TCGAGTTG |
| WIBR368 | CAAACACG |
| WIBR369 | ACCTAGCA |
| WIBR370 | GAGACCAT |
| WIBR371 | GGGCTATA |
| WIBR372 | CTAGTGGT |
| WIBR373 | GACGACTA |
| WIBR374 | GTGGTAGA |
| WIBR375 | AGCCAGAT |
| WIBR376 | ACGCGTAT |
| WIBR377 | CGAGATGA |
| WIBR378 | TGACACGT |
| WIBR379 | GAGTTTCG |
| WIBR380 | CATAGCCA |
| WIBR381 | GAGTAGGA |
| WIBR382 | CATGGACA |
| WIBR383 | CGAAGAAG |
| WIBR384 | TTCCAGGT |