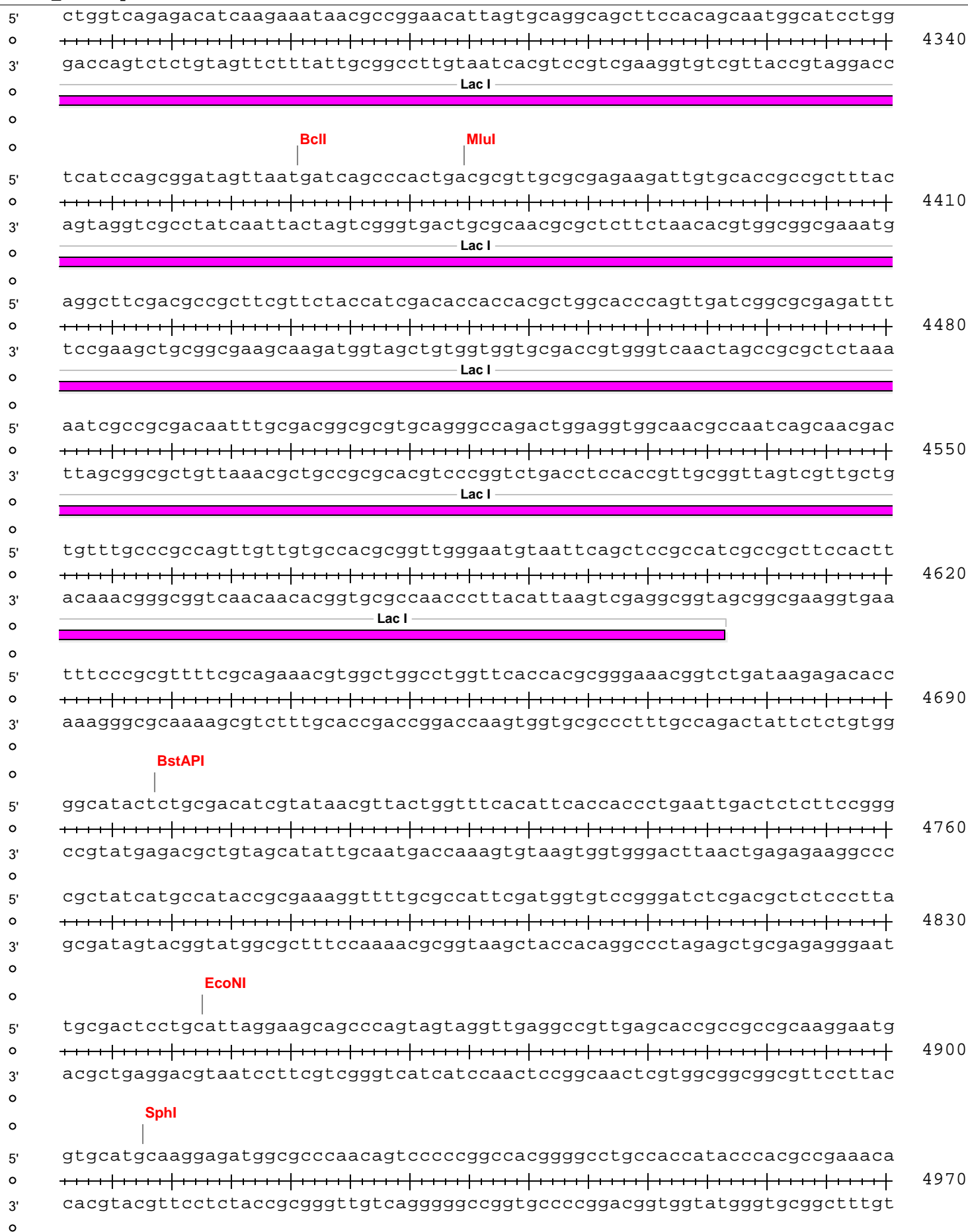


BGT10_T01b2-pET32-DEST



BGT10_T01b2-pET32-DEST

○

5' TTAAATATAGCCCTAGCCAATTGGTGGCCTTTGGATAAAAGAGAAAGCAAAGGTTTAGGCGTTTTATCT

○

3' AATTTATATCGGGATCGGTTAACCACCGGAAACCTATTTTCTCTTTCGTTTCCCAAATCCGCAAATAGA

5880

BGT10_T01b2

BGT10_T01b2-pDONR221

L N I A L A N W W P L D K R E S K G F R R F I

202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224

○

5' TGTATTTTCATCTTAAGCCAACGCTACACAATCACCTCCACCAAACCTAACGAACCCTCCGATCTTGT

○

3' ACATAAAGTAGAATTCGGTTGCGATGTGTTAGTGGGAGGTGGTTTTGGGATTGCTTGGGAGGCTAGAACA

5950

BGT10_T01b2

BGT10_T01b2-pDONR221

L Y F I L S Q R Y T I T L H Q N P N E P S D L V

225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248

○

5' CTTTGGCAGTCCTATTGGATCAGCCAGAAAAATCCTATCCTATCAAACACTAAAAGGGTGTTTTACACC

○

3' GAAACCGTCAGGATAACCTAGTCGGTCTTTTGTAGGATAGGATAGTTTGTGATTTTCCACAAAATGTGG

6020

BGT10_T01b2

BGT10_T01b2-pDONR221

F G S P I G S A R K I L S Y Q N T K R V F Y T

249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271

5' GGTGAAAATGAAGTCCCTAATTTCAATCTCTTTGATTACGCCATAGGCTTTGATGAATTGGACTTTAGAG

○

3' CCACTTTTACTTCAGGGATTAAAGTTAGAGAACTAATGCGGTATCCGAAACTACTTAACCTGAAATCTC

6090

BGT10_T01b2

BGT10_T01b2-pDONR221

G E N E V P N F N L F D Y A I G F D E L D F R

272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294

○

5' ATCGTTATTTGAGAATGCCTTTATATTACGCTAGCTTGCATTATAAAGCCGAGAGCGTGAATGACACCAC

○

3' TAGCAATAAACTCTTACGGAAATATAATGCGATCGAACGTAATATTTTCGGCTCTCGCACTTACTGTGGTG

6160

BGT10_T01b2

BGT10_T01b2-pDONR221

D R Y L R M P L Y Y A S L H Y K A E S V N D T T

295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318

MfeI

AfIII

AgeI

BsmI

NheI

BmtI

o
5' tgagatccggctgctaacaaagcccgaaggaagctgagttggctgctgccaccgctgagcaataactag
o
3' actctaggccgacgattgtttcgggctttccttcgactcaaccgacgacggaggcgactcgttattgatc

Bipl

————— T7 Terminator —————

7000

o
5' cataacccttggggcctctaaacgggtcttgaggggttttttgctgaaaggaggaactatatccggat
o
3' gtattggggaaccccggagatttgcccagaactccccaaaaaacgactttcctccttgatataggccta

————— T7 Terminator —————

7069