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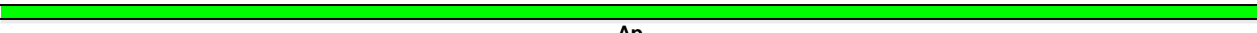
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BGT03_T01a-pET16-DEST

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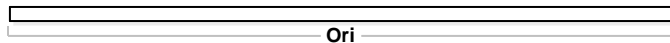
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BGT03_T01a-pET16-DEST

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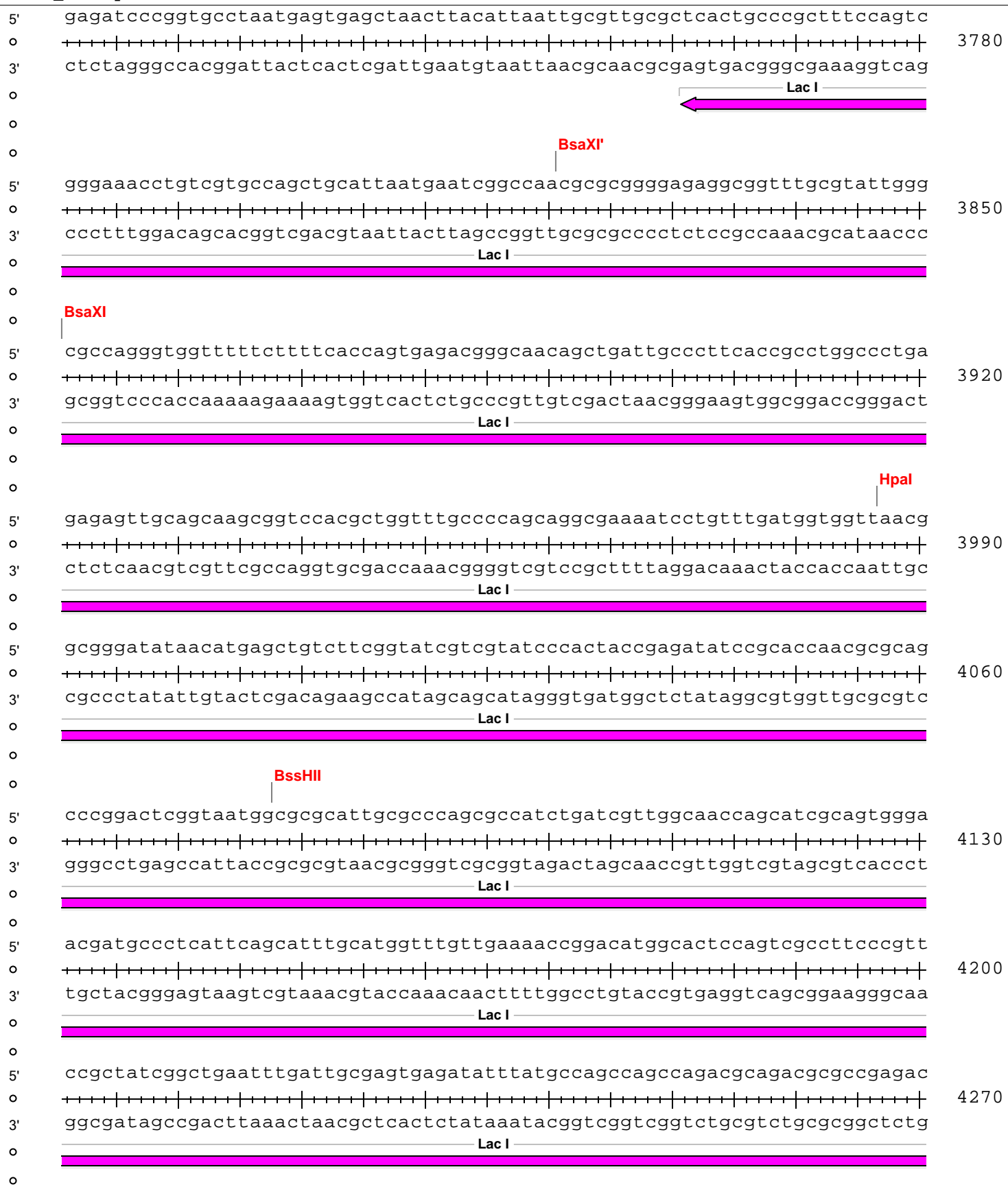
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5320

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NdeI

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5390

His10-tag

X-factor

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5460

attB1

TEV site

BGT03_T01a

BGT03_T01a-pDONR221

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5530

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BGT03_T01a-pDONR221

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AsiSI

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5600

BGT03_T01a

BGT03_T01a-pDONR221

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5670

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5740

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BGT03_T01a-pDONR221

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5810

BGT03_T01a

BGT03_T01a-pDONR221

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5880

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5950

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6020

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6090

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6160

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5' AAGTAACAGCCCCTGAATGCCAGTCGTTACTGGGCAGAAACCCGGACATGGTTTTGCCCAACGGTTTGAA
+
3' TTCATTGTGCGGCCACTTACGGTCAGCAATGACCCGCTCTTTGGGCTGTACCAAACGGGTGCCAAACTT

6230

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E V T A R E C Q S L L G R N P D M V L P N G L N
282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305

5' CATTGAACGTTTCACTGCCTTACACGAATTCCAGAATTTACACAAAGAACATAAAGATCAGATCCATGAA
+
3' GTAACCTTGCAAAGTGACGGAATGTGCTTAAGGTCTTAAATGTGTTTCTTGATTTCTAGTCTAGGTACTT

6300

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I E R F T A L H E F Q N L H K E H K D Q I H E
306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328

5' TTTGTGATCGGTCACTTTTTTCAAAGCTATACGTTTGACCTGGATAAGACCTTATACTTCTTTACTTCCG
+
3' AAACACTAGCCAGTGAAAAAAGTTTCGATATGCAAACCTGGACCTATTCTGGAATATGAAGAAATGAAGGC

6370

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F V I G H F F Q S Y T F D L D K T L Y F F T S
329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351

PmeI

5' GAAGATATGAGTACAAGAATAAAGGCTTCGACATTACGCTTGAAGCGCTTGCCCGTTTAAACTGGAGATT
+
3' CTTCTATACTCATGTTCTTATTTCCGAAGCTGTAATGCGAACTTCGCGAACGGGCAAATTTGACCTCTAA

6440

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G R Y E Y K N K G F D I T L E A L A R L N W R L
352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375

5' AAAAGAAGAGAACACCGATAACAACGGTTGTGATGTTCTTTATTACCAAGCAGCCATAACCATAAC
+
3' TTTTCTTCTCTTGTGGCTATGTTGCCAACACTACAAGAAATAATGGTTCGTCGGTATGGTATGGTAATTG

6510

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K E E N T D T T V V M F F I T K Q P Y H T I N
376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398

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5' CCGCAGGTATTACAATCACGCGCGGTAATGGAAGAGGTGAGAAGCAACTGCGATGCAATTGTACAGCAGC
 0 ++++++
 3' GGCGTCCATAATGTTAGTGC GCGCCATTACCTTCTCCACTCTTCGTTGACGCTACGTTAACATGTCGTCG

6580

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P Q V L Q S R A V M E E V R S N C D A I V Q Q
 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421

Swal

5' TGGGCGATAAATTGTTTGAAGCGGCTGCATCCAGCGGCGACTTAAAATTACCGGATTTAAATAAATTTGT
 0 ++++++
 3' ACCCGCTATTTAACAAACTTCGCCGACGTAGGTGCGCGCTGAATTTAATGGCCTAAATTTATTTAAACA

6650

BGT03_T01a

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L G D K L F E A A A S S G D L K L P D L N K F V
 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445

5' AGACGAATACTGGAAGCTGCGTTTAAAGAAGAACCTTGCTATCCTGGAAGTCGCATGAATTGCCAAAGGTT
 0 ++++++
 3' TCTGCTTATGACCTTCGACGCAAATTTCTTCTTGAACGATAGGACCTTCAGCGTACTTAACGGTTTCCAA

6720

BGT03_T01a

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D E Y W K L R L R R T L L S W K S H E L P K V
 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468

5' GTTACACACAATTTAGTGTACGACAATCAGGATGAAATTCTGAACTTCCTGAGACATTCCAATATGGTAA
 0 ++++++
 3' CAATGTGTGTTAAATCACATGCTGTTAGTCTTACTTTAAGACTTGAAGGACTCTGTAAGGTTATACCATT

6790

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V T H N L V Y D N Q D E I L N F L R H S N M V
 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491

5' ACAATGAACACGATAAAGTAAAAGTTGTTTATCACCCGGACTTCATTGCAAGCACCAATCCCTTGTTTGG
 0 ++++++
 3' TGTTACTTGTGCTATTTTCAACAAATAGTGGGCCTGAAGTAACGTTTCGTGGTTAGGGAACAAACC

6860

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N N E H D K V K V V Y H P D F I A S T N P L F G
 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515

BGT03_T01a-pET16-DEST

5' CATGGAATACGGACAGTTTGTACGCGGTTGCCATTTAGGTGTGTTCCCAAGTTACTACGAACCATGGGGC
 0 ++++++
 3' GTACCTTATGCCTGTCAAACATGCGCCAACGGTAAATCCACACAAGGGTTCAATGATGCTTGGTACCCCG

6930

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M E Y G Q F V R G C H L G V F P S Y Y E P W G
 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538

5' TATACGCCGCTTGAATGTATGGCATCCGGTGTGCCTGCAATCACATCCGATTTATCCGGATTCGGTGACT
 0 ++++++
 3' ATATGCGGCGAACTTACATAACCGTAGGCCACACGGACGTTAGTGTAGGCTAAATAGGCCTAAGCCACTGA

7000

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Y T P L E C M A S G V P A I T S D L S G F G D
 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561

5' ACGTATTGAAAAACATTCCGAATAATGAGAACAAAGGTATCTACGTAACAAACCGCTTCCATAAGAGTTA
 0 ++++++
 3' TGCATAACTTTTTGTAAGGCTTATTACTCTTGTTCATAGATGCATTGTTTGGCGAAGGTATTCTCAAT

7070

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Y V L K N I P N N E N K G I Y V T N R F H K S Y
 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585

5' CCACGATGCTGCACAGCAGCTGGCAGACCAGATGTATCACTTTGTTCACCTCTCCCGCAGAGACCGTATA
 0 ++++++
 3' GGTGCTACGACGTGTCGTCGACCGTCTGGTCTACATAGTGAACAAGTGGAGAGGGCGTCTCTGGCATAT

7140

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H D A A Q Q L A D Q M Y H F V H L S R R D R I
 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608

5' ACGCAACGTAACAGAGTGGAGAGTGCATCCGAACATTTGACTGGCAGAACTTAGGAAGCTATTATGATA
 0 ++++++
 3' TGCGTTGCATTGTCTCACCTCTCACGTAGGCTTGAAAACCTGACCGTCTTGAATCCTTCGATAATACTAT

7210

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T Q R N R V E S A S E H F D W Q N L G S Y Y D
 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631

