

LmjF.04.0810
LmjPES_sequenced

```
ATGGTCCATAAGAACGAGGCATGGCGAAGCGGGTGAAGAAGGAGCGCTCAAGAAGAAATTCTGACGCGCATGCAGGCAGCAGGCTACTGCAGATGGAGTCGTTCAAGTCCGCCGC 120
ATGGTCCATAAGAACGAGGCATGGCGAAGCGGGTGAAGAAGGAGCGCTCAAGAAGAAATTCTGACGCGCATGCAGGCAGCAGGCTACTGCAGATGGAGTCGTTCAAGTCCGCCGC 120
*****
```

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LmjPES_sequenced

```
CTCTGCATCCTCAAGGGCATCTACCCCCGCCCTCAACCGCAGCAAGCAGAAACAAAGTGGGAACGAGAAGCAGTACTATCTCGCCCGTGAGATCAAGTGGCTGGTGCAGCAGGACAGATA 240
CTCTGCATCCTCAAGGGCATCTACCCCCGCCCTCAACCGCAGCAAGCAGAAACAAAGTGGGAACGAGAAGCAGTACTATCTCGCCCGTGAGATCAAGTGGCTGGTGCAGCAGGACAGATA 240
*****
```

LmjF.04.0810
LmjPES_sequenced

```
GCGGAGAAGATGATGGCATATCGGGCATGGGAGAAGAAGGTGAAGCGGGAGAGGCATGGCCGCTCCGAGGGACCTCAAGGTGCTGCAGACCTCACCGTGAAAGCCGCCACAGCTG 360
GCGGAGAAGATGATGGCATATCGGGCATGGGAGAAGAAGGTGAAGCGGGAGAGGCATGGCCGCTCCGAGGGACCTCAAGGTGCTGCAGACCTCACCGTGAAAGCCGCCACAGCTG 360
*****
```

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LmjPES_sequenced

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GTGGCGACGATCAAGGAGCCTACCCATACTTCATCGACGCCATCCGTGACGTGGATGACGCCATGTCGATGATCCACCTTACGCCCTCCTTAGCCGGAGATCAAGTCCGATACCACC 480
GTGGCGACGATCAAGGAGCCTACCCATACTTCATCGACGCCATCCGTGACGTGGATGACGCCATGTCGATGATCCACCTTACGCCCTCCTTAGCCGGAGATCAAGTCCGATACCACC 480
*****
```

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```
ATCGAGATAACATCCTCCACCTCCGGCTGAGCGAGAGGGCCAAGGGAGGTGCGAACGCTGGGACCGCTACGTCGACGCCGCGTGTACTGACGAAGGGCTCATCTCCATCAAG 600
ATCGAGATAACATCCTCCACCTCCGGCTGAGCGAGAGGGCCAAGGGAGGTGCGAACGCTGGGACCACTACGTCGACGCCGCGTGTACTGACGAAGGGCTCATCTCCATCAAG 600
*****
```

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LmjPES_sequenced

```
GGCTACTACTACGAGGCATTGTCAGGGCAGCGGGTGCCTGCTGCCCCCACGAGTACGCTCACCGCTCCCCCGGGCATCCAGCAATACGTGATGCTCAGCTCCTCGAATTC 720
GGCTACTACTACGAGGCATTGTCAGGGCAGCGGGTGCCTGCTGCCCCCACGAGTACGCTCACCGCTCCCCCGGGCATCCAGCAATACGTGATGCTCAGCTCCTCGAATTC 720
*****
```

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LmjPES_sequenced

```
TACCTGGAGATGATGAAGTTCGTCCTGTTCAAGCTCGAGTCGGACCTCGCGCGATGAGGGGACCGCCCTGGCGGCGAGGATGAGGAAGGTGTCAGCCGCGAACGCCGAGGACTTC 840
TACCTGGAGATGATGAAGTTCGTCCTGTTCAAGCTCGAGTCGGACCTCGCGCGATGAGGGGACCGCCCTGGCGGCGAGGATGAGGAAGGTGTCAGCCGCGAACGCCGAGGACTTC 840
*****
```

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LmjPES_sequenced

```
GCGAACGGTGCGGCCTGGCGTGGATGTAGCGCGAACCGCGCAGGCCAAGGGCGTAAGGAGGCGGAGTCGAAGCGCTTTGATGGAGGAAGAGCTGCACAAGGTGCGCGAG 960
GCGAACGGTGCGGCCTGGCGTGGATGTAGCGCGAACCGCGCAGGCCAAGGGCGTAAGGAGGCGGAGTCGAAGCGCTTTGATGGAGGAAGAGCTGCACAAGGTGCGCGAG 960
*****
```

LmjF.04.0810
LmjPES_sequenced

```
CTGTTCCGGGCTAACCTCTTCATATCGCTGAGGTGCCCGCAAGCAGTTCGCCCTCGTCATCAACGCCCTGCCGCGCCGTGGCGACCGACTACGTGCCGTCAACATCACTCAC 1080
CTGTTCCGGGCTAACCTCTTCATATCGCTGAGGTGCCCGCAAGCAGTTCGCCCTCGTCATCAACGCCCTGCCGCGCCGTGGCGACCGACTACGTGCCGTCAACATCACTCAC 1080
*****
```

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```
GTCGTTGACCGCCCCCGCTGCCGCCAGGGATGAAAAGCATGACCGACTGGAGTACGTCAGCCGAGTACATCTCGACTGCCGACTACGCCGCGCTGGTGCTCCGGTACGGGC 1200
GTCGTTGACCGCCCCCGCTGCCGCCAGGGATGAAAAGCATGACCGACTGGAGTACGTCAGCCGAGTACATCTCGACTGCCGACTACGCCGCGCTGGTGCTCCGGTACGGGC 1200
*****
```

LmjF.04.0810
LmjPES_sequenced

```
TACCGCATTGGTGGAGGAGCTGCCGCCACGTGCCCCCTCTCTGCTCTCATCACGAACCTCCGCCAGGGACAACCGGGCGGTGGCAGGTGAAGAAGGACACCCGAGGATTGTGGGC 1320
TACCGCATTGGTGGAGGAGCTGCCGCCACGTGCCCCCTCTCTGCTCTCATCACGAACCTCCGCCAGGGACAACCGGGCGGTGGCAGGTGAAGAAGGACACCCGAGGATTGTGGGC 1320
*****
```

LmjF.04.0810
LmjPES_sequenced

```
TACGTGCCGGCGCGCTGCATGAGATCCGAAGCTGATCAACCCCTCTTACTCTCGGGTCACCCAGAGGGGAAGGTGGCGCATCTGGAGGACGAGTACAGCGACGAAGAGTCTCACGTG 1440
TACGTGCCGGCGCGCTGCATGAGATCCGAAGCTGATCAACCCCTCTTACTCTCGGGTCACCCAGAGGGGAAGGTGGCGCATCTGGAGGACGAGTACAGCGACGAAGAGTCTCACGTG 1440
*****
```

LmjF.04.0810
LmjPES_sequenced

```
GCGGTGCCGGAGATGGAGGAGCATGGAGGAGCATGGAGGAGCTCTCGCTCCGGTACGAGCTTGCAGGAGGCACGCAGGAAGCCGGCTGGCAGGAAGAGGAGGTACGGAGGAGGTGACGGCCGAAG 1560
GCGGTGCCGGAGATGGAGGAGCATGGAGGAGCATGGAGGAGCTCTCGCTCCGGTACGAGCTTGCAGGAGGCACGCAGGAAGCCGGCTGGCAGGAAGAGGAGGTACGGAGGAGGTGACGGCCGAAG 1560
*****
```

LmjF.04.0810
LmjPES_sequenced

```
CTGTCGGCGTTCAAGGTGAAGAACGAGCGCAGATGAACCTGATGAACCGCCGACGAACGAAGTGGTGCGGGCGGGCAGGCAGTCGCAGGAGGAGTCACGTCAAGTCAGACG 1680
CTGTCGGCGTTCAAGGTGAAGAACGAGCGCAGATGAACCTGATGAACCGCCGACGAACGAAGTGGTGCGGGCGGGCAGGCAGTCGCAGGAGGAGTCACGTCAAGTCAGACG 1680
*****
```

LmjF.04.0810 LmjPES_sequenced	GAGACGTCCGAGGCACGTCTGCAGCGCAAGATGAGCGAGGTGAAGCGCAGGAGGCAGCGCAAGATGCAGCTGCAGGTCCCCGCAAGAAGGCAGCACGTTTACAAGATGGTC 1800 GAGACGTCCGAGGCACGTCTGCAGCGCAAGATGAGCGAGGTGAAGCGCAGGAGGCAGCGCAAGATGCAGCTGCAGGTCCCCGCAAGAAGGCAGCACGTTTACAAGATGGTC 1800 *****
LmjF.04.0810 LmjPES_sequenced	AGCGGTGTGGTGCAGGGCACGGCGAAGAACGGTGGCAGCTGGAGGCAAAGCAAAGCACATGCCGAAGGGAAAGCTGCGTAAGACCGAGGATGGCAAGGGACTTGTCAACAAGCGGCTG 1920 AGCGGTGTGGTGCAGGGCACGGCGAAGAACGGTGGCAGCTGGAGGCAAAGCAAAGCACATGCCGAAGGGAAAGCTGCGTAAGACCGAGGATGGCAAGGGACTTGTCAACAAGCGGCTG 1920 *****
LmjF.04.0810 LmjPES_sequenced	ATCGCCGAAGGGAAAGCTGCGTAAGACCGAGGATGGCAAGGGACTTGTCAACAAGCGGCTGGAGGCAGCGCAGCGAGCTGAGGCGAAGGGCAAGAACGCTCAAGGAGAGGAAGGCTGGC 1980 ATCGCCGAAGGGAAAGCTGCGTAAGACCGAGGATGGCAAGGGACTTGTCAACAAGCGGCTGGAGGCAGCGCAGCGAGCTGAGGCGAAGGGCAAGAACGCTCAAGGAGAGGAAGGCTGGC 1980 *****
LmjF.04.0810 LmjPES_sequenced	AACCCGTACAAGAAACTGCCAAGTGGGTGCAGTAA 2016 AACCCGTACAAGAAACTGCCAAGTGGGTGCAGTAA 2016 *****

S2 (2/2)