

Supplementary Material 4. ClustalW alignment of *FRI* alleles cloned and sequenced in this work.

CLUSTAL O(1.2.4) multiple sequence alignment

| | | |
|-------------|--|-----|
| FRI_An-1 | GGATCCCAAAATCTAGTGCCGCCGAGTCCTTTGGGACACAGTTTCGCACTTATCATTCGA | 60 |
| FRI_Pro-0 | GGATCCCAAAATCTAGTGCCGCCGAGTCCTTTGGGACACAGTTTCGCACTTATCATTCGA | 60 |
| FRI_Bå1-2 | GGATCCCAAAATCTAGTGCCGCCGAGTCCTTTGGGACACAGTTTCGCACTTATCATTCGA | 60 |
| FRI_St-0 | GGATCCCAAAATCTAGTGCCGCCGAGTCCTTTGGGACACAGTTTCGCACTTATCATTCGA | 60 |
| FRI_Bg-2 | GGATCCCAAAATCTAGTGCCGCCGAGTCCTTTGGGACACAGTTTCGCACTTATCATTCGA | 60 |
| FRI_C24 | GGATCCCAAAATCTAGTGCCGCCGAGTCCTTTGGGACACAGTTTCGCACTTATCATTCGA | 60 |
| FRI_Van-0 | GGATCCCAAAATCTAGTGCCGCCGAGTCCTTTGGGACACAGTTTCGCACTTATCATTCGA | 60 |
| FRI_Ull-2-3 | GGATCCCAAAATCTAGTGCCGCCGAGTCCTTTGGGACACAGTTTCGCACTTATCATTCGA | 60 |
| FRI_Lip-0 | GGATCCCAAAATCTAGTGCCGCCGAGTCCTTTGGGACACAGTTTCGCACTTATCATTCGA | 60 |
| FRI_NFA-8 | GGATCCCAAAATCTAGTGCCGCCGAGTCCTTTGGGACACAGTTTCGCACTTATCATTCGA | 60 |
| FRI_Edi-0 | GGATCCCAAAATCTAGTGCCGCCGAGTCCTTTGGGACACAGTTTCGCACTTATCATTCGA | 60 |
| FRI_Ren-1 | GGATCCCAAAATCTAGTGCCGCCGAGTCCTTTGGGACACAGTTTCGCACTTATCATTCGA | 60 |
| FRI_Nok-3 | GGATCCCAAAATCTAGTGCCGCCGAGTCCTTTGGGACACAGTTTCGCACTTATCATTCGA | 60 |
| FRI_Sha | GGATCCCAAAATCTAGTGCCGCCGAGTCCTTTGGGACACAGTTTCGCACTTATCATTCGA | 60 |
| FRI_Wa-1 | GGATCCCAAAATCTAGTGCCGCCGAGTCCTTTGGGACACAGTTTCGCACTTATCATTCGA | 60 |
| FRI_Spr-1-6 | GGATCCCAAAATCTAGTGCCGCCGAGTCCTTTGGGACACAGTTTCGCACTTATCATTCGA | 60 |
| FRI_Bil-7 | GGATCCCAAAATCTAGTGCCGCCGAGTCCTTTGGGACACAGTTTCGCACTTATCATTCGA | 60 |
| FRI_Alc-0 | GGATCCCAAAATCTAGTGCCGCCGAGTCCTTTGGGACACAGTTTCGCACTTATCATTCGA | 60 |
| FRI_Pu-2-23 | GGATCCCAAAATCTAGTGCCGCCGAGTCCTTTGGGACACAGTTTCGCACTTATCATTCGA | 60 |
| FRI_NFA-10 | GGATCCCAAAATCTAGTGCCGCCGAGTCCTTTGGGACACAGTTTCGCACTTATCATTCGA | 60 |
| FRI_Cvi-0 | GGATCCCAAAATCTAGTGCCGCCGAGTCCTTTGGGACACAGTTTCGCACTTATCATTCGA | 60 |
| FRI_Zdr-6 | GGATCCCAAAATCTAGTGCCGCCGAGTCCTTTGGGACACAGTTTCGCACTTATCATTCGA | 60 |
| | ***** | |
| FRI_An-1 | TTCGGCAAGCAGTAAGTTCGCAAAATCCGCACCACCGTGAACATACTCTGGCGCTGAACG | 120 |
| FRI_Pro-0 | TTCGGCAAGCAGTAAGTTCGCAAAATCCGCACCACCGTGAACATACTCTGGCGCTGAACG | 120 |
| FRI_Bå1-2 | TTCGGCAAGCAGTAAGTTCGCAAAATCCGCACCACCGTGAACATACTCTGGCGCTGAACG | 120 |
| FRI_St-0 | TTCGGCAAGCAGTAAGTTCGCAAAATCCGCACCACCGTGAACATACTCTGGCGCTGAACG | 120 |
| FRI_Bg-2 | TTCGGCAAGCAGTAAGTTCGCAAAATCCGCACCACCGTGAACATACTCTGGCGCTGAACG | 120 |
| FRI_C24 | TTCGGCAAGCAGTAAGTTCGCAAAATCCGCACCACCGTGAACATACTCTGGCGCTGAACG | 120 |
| FRI_Van-0 | TTCGGCAAGCAGTAAGTTCGCAAAATCCGCACCACCGTGAACATACTCTGGCGCTGAACG | 120 |
| FRI_Ull-2-3 | TTCGGCAAGCAGTAAGTTCGCAAAATCCGCACCACCGTGAACATACTCTGGCGCTGAACG | 120 |
| FRI_Lip-0 | TTCGGCAAGCAGTAAGTTCGCAAAATCCGCACCACCGTGAACATACTCTGGCGCTGAACG | 120 |
| FRI_NFA-8 | TTCGGCAAGCAGTAAGTTCGCAAAATCCGCACCACCGTGAACATACTCTGGCGCTGAACG | 120 |
| FRI_Edi-0 | TTCGGCAAGCAGTAAGTTCGCAAAATCCGCACCACCGTGAACATACTCTGGCGCTGAACG | 120 |
| FRI_Ren-1 | TTCGGCAAGCAGTAAGTTCGCAAAATCCGCACCACCGTGAACATACTCTGGCGCTGAACG | 120 |
| FRI_Nok-3 | TTCGGCAAGCAGTAAGTTCGCAAAATCCGCACCACCGTGAACATACTCTGGCGCTGAACG | 120 |
| FRI_Sha | TTCGGCAAGCAGTAAGTTCGCAAAATCCGCACCACCGTGAACATACTCTGGCGCTGAACG | 120 |
| FRI_Wa-1 | TTCGGCAAGCAGTAAGTTCGCAAAATCCGCACCACCGTGAACATACTCTGGCGCTGAACG | 120 |
| FRI_Spr-1-6 | TTCGGCAAGCAGTAAGTTCGCAAAATCCGCACCACCGTGAACATACTCTGGCGCTGAACG | 120 |
| FRI_Bil-7 | TTCGGCAAGCAGTAAGTTCGCAAAATCCGCACCACCGTGAACATACTCTGGCGCTGAACG | 120 |
| FRI_Alc-0 | TTCGGCAAGCAGTAAGTTCGCAAAATCCGCACCACCGTGAACATACTCTGGCGCTGAACG | 120 |
| FRI_Pu-2-23 | TTCGGCAAGCAGTAAGTTCGCAAAATCCGCACCACCGTGAACATACTCTGGCGCTGAACG | 120 |
| FRI_NFA-10 | TTCGGCAAGCAGTAAGTTCGCAAAATCCGCACCACCGTGAACATACTCTGGCGCTGAACG | 120 |
| FRI_Cvi-0 | TTCGGCAAGCAGTAAGTTCGCAAAATCCGCACCACCGTGAACATACTCTGGCGCTGAACG | 120 |
| FRI_Zdr-6 | TTCGGCAAGCAGTAAGTTCGCAAAATCCGCACCACCGTGAACATACTCTGGCGCTGAACG | 120 |
| | ***** | |
| FRI_An-1 | CTAGACGCAAAATCCATATTACTGCTGCAGAAAGACGGAGAGAACAAGAGACTGACCGAT | 180 |
| FRI_Pro-0 | CTAGACGCAAAATCCATATTACAGCTGCAGAAAGACGGAGAGAACAAGAGACTGACCGAT | 180 |
| FRI_Bå1-2 | CTAGACGCAAAATCCATATTACTGCTGCAGAAAGACGGAGAGAACAAGAGACTGACCGAT | 180 |
| FRI_St-0 | CTAGACGCAAAATCCATATTACTGCTGCAGAAAGACGGAGAGAACAAGAGACTGACCGAT | 180 |
| FRI_Bg-2 | CTAGACGCAAAATCCATATTACAGCTGCAGAAAGACGGAGAGAACAAGAGACTGACCGAT | 180 |
| FRI_C24 | CTAGACGCAAAATCCATATTACTGCTGCAGAAAGACGGAGAGAACAAGAGACTGACCGAT | 180 |
| FRI_Van-0 | CTAGACGCAAAATCCATATTACAGCTGCAGAAAGACGGAGAGAACAAGAGACTGACCGAT | 180 |
| FRI_Ull-2-3 | CTAGACGCAAAATCCATATTACTGCTGCAGAAAGACGGAGAGAACAAGAGACTGACCGAT | 180 |
| FRI_Lip-0 | CTAGACGCAAAATCCATATTACTGCTGCAGAAAGACGGAGAGAACAAGAGACTGACCGAT | 180 |
| FRI_NFA-8 | CTAGACGCAAAATCCATATTACTGCTGCAGAAAGACGGAGAGAACAAGAGACTGACCGAT | 180 |
| FRI_Edi-0 | CTAGACGCAAAATCCATATTACTGCTGCAGAAAGACGGAGAGAACAAGAGACTGACCGAT | 180 |
| FRI_Ren-1 | CTAGACGCAAAATCCATATTACTGCTGCAGAAAGACGGAGAGAACAAGAGACTGACCGAT | 180 |
| FRI_Nok-3 | CTAGACGCAAAATCCATATTACTGCTGCAGAAAGACGGAGAGAACAAGAGACTGACCGAT | 180 |
| FRI_Sha | CTAGACGCAAAATCCATATTACTGCTGCAGAAAGACGGAGAGAACAAGAGACTGACCGAT | 180 |
| FRI_Wa-1 | CTAGACGCAAAATCCATATTACAGCTGCAGAAAGACGGAGAGAACAAGAGACTGACCGAT | 180 |
| FRI_Spr-1-6 | CTAGACGCAAAATCCATATTACTGCTGCAGAAAGACGGAGAGAACAAGAGACTGACCGAT | 180 |
| FRI_Bil-7 | CTAGACGCAAAATCCATATTACTGCTGCAGAAAGACGGAGAGAACAAGAGACTGACCGAT | 180 |
| FRI_Alc-0 | CTAGACGCAAAATCCATATTACTGCTGCAGAAAGACGGAGAGAACAAGAGACTGACCGAT | 180 |

FRI_Pu-2-23 CTAGACGCAAAATCCATATTACTGCTGCAGAAAGACGGAGAGAACAAGAGACTGACCGAT 180
FRI_NFA-10 CTAGACGCAAAATCCATATTACAGCTGCAGAAAGACGGAGAGAACAAGAGACTGACCGAT 180
FRI_Cvi-0 CTAGACGCAAAATCCATATTACTGCTGCAGAAAGACGGAGAGAACAAGAGACTGACCGAT 180
FRI_Zdr-6 CTAGACGCAAAATCCATATTACTGCTGCAGAAAGACGGAGAGAACAAGAGACTGACCGAT 180

FRI_An-1 CATAAGAGAAGAGAGCTTCAAGGCTTCAGCTGATGAAGAATCAATGGCGGCGAGAGTGAG 240
FRI_Pro-0 CATAAGAGAAGAGAGCTTCAAGGCTTCAGCTGATGAAGAATCAATGGCGGCGAGAGAGAG 240
FRI_Bâ1-2 CATAAGAGAAGAGAGCTTCAAGGCTTCAGCTGATGAAGAATCAATGGCGGCGAGAGTGAG 240
FRI_St-0 CATAAGAGAAGAGAGCTTCAAGGCTTCAGCTGATGAAGAATCAATGGCGGCGAGAGAGAG 240
FRI_Bg-2 CATAAGAGAAGAGAGCTTCAAGGCTTCAGCTGATGAAGAATCAATGGCGGCGAGAGAGAG 240
FRI_C24 CATAAGAGAAGAGAGCTTCAAGGCTTCAGCTGATGAAGAATCAATGGCGGCGAGAGAGAG 240
FRI_Van-0 CATAAGAGAAGAGAGCTTCAAGGCTTCAGCTGATGAAGAATCAATGGCGGCGAGAGAGAG 240
FRI_U11-2-3 CATAAGAGAAGAGAGCTTCAAGGCTTCAGCTGATGAAGAATCAATGGCGGCGAGAGAGAG 240
FRI_Lip-0 CATAAGAGAAGAGAGCTTCAAGGCTTCAGCTGATGAAGAATCAATGGCGGCGAGAGAGAG 240
FRI_NFA-8 CATAAGAGAAGAGAGCTTCAAGGCTTCAGCTGATGAAGAATCAATGGCGGCGAGAGTGAG 240
FRI_Edi-0 CATAAGAGAAGAGAGCTTCAAGGCTTCAGCTGATGAAGAATCAATGGCGGCGAGAGTGAG 240
FRI_Ren-1 CATAAGAGAAGAGAGCTTCAAGGCTTCAGCTGATGAAGAATCAATGGCGGCGAGAGTGAG 240
FRI_Nok-3 CATAAGAGAAGAGAGCTTCAAGGCTTCAGCTGATGAAGAATCAATGGCGGCGAGAGTGAG 240
FRI_Sha CATAAGAGAAGAGAGCTTCAAGGCTTCAGCTGATGAAGAATCAATGGCGGCGAGAGTGAG 240
FRI_Wa-1 CATAAGAGAAGAGAGCTTCAAGGCTTCAGCTGATGAAGAATCAATGGCGGCGAGAGTGAG 240
FRI_Spr-1-6 CATAAGAGAAGAGAGCTTCAAGGCTTCAGCTGATGAAGAATCAATGGCGGCGAGAGTGAG 240
FRI_Bil-7 CATAAGAGAAGAGAGCTTCAAGGCTTCAGCTGATGAAGAATCAATGGCGGCGAGAGAGAG 240
FRI_Alc-0 CATAAGAGAAGAGAGCTTCAAGGCTTCAGCTGATGAAGAATCAATGGCGGCGAGAGAGAG 240
FRI_Pu-2-23 CATAAGAGAAGAGAGCTTCAAGGCTTCAGCTGATGAAGAATCAATGGCGGCGAGAGAGAG 240
FRI_NFA-10 CATAAGAGAAGAGAGCTTCAAGGCTTCAGCTGATGAAGAATCAATGGCGGCGAGAGAGAG 240
FRI_Cvi-0 CATAAGAGAAGAGAGCTTCAAGGCTTCAGCTGATGAAGAATCAATGGCGGCGAGAGAGAG 240
FRI_Zdr-6 CATAAGAGAAGAGAGCTTCAAGGCTTCAGCTGATGAAGAATCAATGGCGGCGAGAGAGAG 240

FRI_An-1 TGAGAAATCGAGTAGTTACTGAGAGGAAGATGAAACGTATCTCCTGAGAAAAACGTAAGA 300
FRI_Pro-0 TGAGAAATCGAGTAGTTACTGAGAGGAAGATGAAACGTATCTCCTGAGAAAAACGTAAGA 300
FRI_Bâ1-2 TGAGAAATCGAGTAGTTACTGAGAGGAAGATGAAACGTATCTCCTGAGAAAAACGTAAGA 300
FRI_St-0 TGAGAAATCGAGTAGTTACTGAGAGGAAGATGAAACGTATCTCCTGAGAAAAACGTAAGA 300
FRI_Bg-2 TGAGAAATCGAGTAGTTACTGAGAGGAAGATGAAACGTATCTCCTGAGAAAAACGTAAGA 300
FRI_C24 TGAGAAATCGAGTAGTTACTGAGAGGAAGATGAAACGTATCTCCTGAGAAAAACGTAAGA 300
FRI_Van-0 TGAGAAATCGAGTAGTTACTGAGAGGAAGATGAAACGTATCTCCTGAGAAAAACGTAAGA 300
FRI_U11-2-3 TGAGAAATCGAGTAGTTACTGAGAGGAAGATGAAACGTATCTCCTGAGAAAAACGTAAGA 300
FRI_Lip-0 TGAGAAATCGAGTAGTTACTGAGAGGAAGATGAAACGTATCTCCTGAGAAAAACGTAAGA 300
FRI_NFA-8 TGAGAAATCGAGTAGTTACTGAGAGGAAGATGAAACGTATCTCCTGAGAAAAACGTAAGA 300
FRI_Edi-0 TGAGAAATCGAGTAGTTACTGAGAGGAAGATGAAACGTATCTCCTGAGAAAAACGTAAGA 300
FRI_Ren-1 TGAGAAATCGAGTAGTTACTGAGAGGAAGATGAAACGTATCTCCTGAGAAAAACGTAAGA 300
FRI_Nok-3 TGAGAAATCGAGTAGTTACTGAGAGGAAGATGAAACGTATCTCCTGAGAAAAACGTAAGA 300
FRI_Sha TGAGAAATCGAGTAGTTACTGAGAGGAAGATGAAACGTATCTCCTGAGAAAAACGTAAGA 300
FRI_Wa-1 TGAGAAATCGAGTAGTTACTGAGAGGAAGATGAAACGTATCTCCTGAGAAAAACGTAAGA 300
FRI_Spr-1-6 TGAGAAATCGAGTAGTTACTGAGAGGAAGATGAAACGTATCTCCTGAGAAAAACGTAAGA 300
FRI_Bil-7 TGAGAAATCGAGTAGTTACTGAGAGGAAGATGAAACGTATCTCCTGAGAAAAACGTAAGA 300
FRI_Alc-0 TGAGAAATCGAGTAGTTACTGAGAGGAAGATGAAACGTATCTCCTGAGAAAAACGTAAGA 300
FRI_Pu-2-23 TGAGAAATCGAGTAGTTACTGAGAGGAAGATGAAACGTATCTCCTGAGAAAAACGTAAGA 300
FRI_NFA-10 TGAGAAATCGAGTAGTTACTGAGAGGAAGATGAAACGTATCTCCTGAGAAAAACGTAAGA 300
FRI_Cvi-0 TGAGAAATCGAGTAGTTACTGAGAGGAAGATGAAACGTATCTCCTGAGAAAAACGTAAGA 300
FRI_Zdr-6 TGAGAAATCGAGTAGTTACTGAGAGGAAGATGAAACGTATCTCCTGAGAAAAACGTAAGA 300

FRI_An-1 GAGTTCGGTTTCAACAGTATTTTTCTCGGCGGTCTTCAGATTTTCCGTCCAACCTCTCTCT 360
FRI_Pro-0 GAGTTCGGTTTCAACAGTATTTTTCTCGGCGGTCTTCAGATTTTCCGTCCAACCTCTCTCT 360
FRI_Bâ1-2 GAGTTCGGTTTCAACAGTATTTTTCTCGGCGGTCTTCAGATTTTCCGTCCAACCTCTCTCT 360
FRI_St-0 GAGTTCGGTTTCAACAGTATTTTTCTCGGCGGTCTTCAGATTTTCCGTCCAACCTCTCTCT 360
FRI_Bg-2 GAGTTCGGTTTCAACAGTATTTTTCTCGGCGGTCTTCAGATTTTCCGTCCAACCTCTCTCT 360
FRI_C24 GAGTTCGGTTTCAACAGTATTTTTCTCGGCGGTCTTCAGATTTTCCGTCCAACCTCTCTCT 360
FRI_Van-0 GAGTTCGGTTTCAACAGTATTTTTCTCGGCGGTCTTCAGATTTTCCGTCCAACCTCTCTCT 360
FRI_U11-2-3 GAGTTCGGTTTCAACAGTATTTTTCTCGGCGGTCTTCAGATTTTCCGTCCAACCTCTCTCT 360
FRI_Lip-0 GAGTTCGGTTTCAACAGTATTTTTCTCGGCGGTCTTCAGATTTTCCGTCCAACCTCTCTCT 360
FRI_NFA-8 GAGTTCGGTTTCAACAGTATTTTTCTCGGCGGTCTTCAGATTTTCCGTCCAACCTCTCTCT 360
FRI_Edi-0 GAGTTCGGTTTCAACAGTATTTTTCTCGGCGGTCTTCAGATTTTCCGTCCAACCTCTCTCT 360
FRI_Ren-1 GAGTTCGGTTTCAACAGTATTTTTCTCGGCGGTCTTCAGATTTTCCGTCCAACCTCTCTCT 360
FRI_Nok-3 GAGTTCGGTTTCAACAGTATTTTTCTCGGCGGTCTTCAGATTTTCCGTCCAACCTCTCTCT 360
FRI_Sha GAGTTCGGTTTCAACAGTATTTTTCTCGGCGGTCTTCAGATTTTCCGTCCAACCTCTCTCT 360
FRI_Wa-1 GAGTTCGGTTTCAACAGTATTTTTCTCGGCGGTCTTCAGATTTTCCGTCCAACCTCTCTCT 360
FRI_Spr-1-6 GAGTTCGGTTTCAACAGTATTTTTCTCGGCGGTCTTCAGATTTTCCGTCCAACCTCTCTCT 360
FRI_Bil-7 GAGTTCGGTTTCAACAGTATTTTTCTCGGCGGTCTTCAGATTTTCCGTCCAACCTCTCTCT 360

FRI_Alc-0 GAGTTCGGTTTCAACAGTATTTTCTCGGGCGTCTTCAGATTTTCCGTCCAACCTCTCTCT 360
FRI_Pu-2-23 GAGTTCGGTTTCAACAGTATTTTCTCGGGCGTCTTCAGATTTTCCGTCCAACCTCTCTCT 360
FRI_NFA-10 GAGTTCGGTTTCAACAGTATTTTCTCGGGCGTCTTCAGATTTTCCGTCCAACCTCTCTCT 360
FRI_Cvi-0 GAGTTCGGTTTCAACAGTATTTTCTCGGGCGTCTTCAGATTTTCCGTCCAACCTCTCTCT 360
FRI_Zdr-6 GAGTTCGGTTTCAACAGTATTTTCTCGGGCGTCTTCAGATTTTCCGTCCAACCTCTCTCT 360

FRI_An-1 TTCCTCTTTCAGTTTTTTTTGCCCCAATCACTCGTGGTAGGATTTTTTTATAAGAAAGTT 420
FRI_Pro-0 TTCCTCTTTCAGTTTTTTTTGCCCCAATCACTCGTGGTAGGATTT-TTTATAAGAAAGTT 419
FRI_Bâ1-2 TTCCTCTTTCAGTTTTTTTTGCCCCAATCACTCGTGGTAGGATTTTTTTATAAGAAAGTT 420
FRI_St-0 TTCCTCTTTCAGTTTTTTTTGCCC-CAATCACTCGTGGTAGG-ATTTTTTATAAGAAAGTT 418
FRI_Bg-2 TTCCTCTTTCAGTTTTTTTTGCCC-CAATCACTCGTGGTAGG-ATTTTTTATAAGAAAGTT 418
FRI_C24 TTCCTCTTTCAGTTTTTTTTGCCC-CAATCACTCGTGGTAGG-ATTTTTTATAAGAAAGTT 418
FRI_Van-0 TTCCTCTTTCAGTTTTTTTTGCCC-CAATCACTCGTGGTAGG-ATTTTTTATAAGAAAGTT 418
FRI_U11-2-3 TTCCTCTTTCAGTTTTTTTTGCG-CCAATCACTCGTGGTAGG-ATTTTTTATAAGAAAGTT 418
FRI_Lip-0 TTCCTCTTTCAGTTTTTTTTGCG-CCAATCACTCGTGGTAGG-ATTTTTTATAAGAAAGTT 418
FRI_NFA-8 TTCCTCTTTCAGTTTTTTTTGCCCCAATCACTCGTGGTAGGATTTTTTTATAAGAAAGTT 420
FRI_Edi-0 TTCCTCTTTCAGTTTTTTTTGCCCCAATCACTCGTGGTAGGATTTTTTTATAAGAAAGTT 420
FRI_Ren-1 TTCCTCTTTCAGTTTTTTTTGCCCCAATCACTCGTGGTAGGATTTTTTTATAAGAAAGTT 420
FRI_Nok-3 TTCCTCTTTCAGTTTTTTTTGCCCCAATCACTCGTGGTAGGATTTTTTTATAAGAAAGTT 420
FRI_Sha TTCCTCTTTCAGTTTTTTTTGCCCCAATCACTCGTGGTAGGATTTTTTTATAAGAAAGTT 420
FRI_Wa-1 TTCCTCTTTCAGTTTTTTTTGCCCCAATCACTCGTGGTAGGATTTTTTTATAAGAAAGTT 420
FRI_Spr-1-6 TTCCTCTTTCAGTTTTTTTTGCCCCAATCACTCGTGGTAGGATTTTTTTATAAGAAAGTT 420
FRI_Bil-7 TTCCTCTTTCAGTTTTTTTTGCCCCAATCACTCGTGGTAGGATTTTTTTATAAGAAAGTT 420
FRI_Alc-0 TTCCTCTTTCAGTTTTTTTTGCCCCAATCACTCGTGGTAGGATTTTTTTATAAGAAAGTT 420
FRI_Pu-2-23 TTCCTCTTTCAGTTTTTTTTGCCCCAATCACTCGTGGTAGGATTTTTTTATAAGAAAGTT 420
FRI_NFA-10 TTCCTCTTTCAGTTTTTTTTGCCCCAATCACTCGTGGTAGGATTT-TTTATAAGAAAGTT 419
FRI_Cvi-0 TTCCTCTTTCAGTTTTTTTTGCCCCAATCACTCGTGGTAGGATTTTTTTATAAGAAAGTT 420
FRI_Zdr-6 TTCCTCTTTCAGTTTTTTTTGCCCCAATCACTCGTGGTAGGATTTTTTTATAAGAAAGTT 420

FRI_An-1 ACGAAAATGCCCTCTCGTGCTTAGAGAGATTCAATTCGTGCACATATAATATGCCGTGAA 480
FRI_Pro-0 ACGAAAATGCCCTCTCGTGCTTAGAGAGATTCAATTCGTGCACATATAATATGCCGTGAA 479
FRI_Bâ1-2 ACGAAAATGCCCTCTCGTGCTTAGAGAGATTCAATTCGTGCACATATAATATGCCGTGAA 480
FRI_St-0 ACGAAAATGCCCTCTCGTGCTTAGAGAGATTCAATTCGTGCACATATAATATGCCGTGAA 478
FRI_Bg-2 ACGAAAATGCCCTCTCGTGCTTAGAGAGATTCAATTCGTGCACATATAATATGCCGTGAA 478
FRI_C24 ACGAAAATGCCCTCTCGTGCTTAGAGAGATTCAATTCGTGCACATATAATATGCCGTGAA 478
FRI_Van-0 ACGAAAATGCCCTCTCGTGCTTAGAGAGATTCAATTCGTGCACATATAATATGCCGTGAA 478
FRI_U11-2-3 ACGAAAATGCCCTCTCGTGCTTAGAGAGATTCAATTCGTGCACATATAATATGCCGTGAA 478
FRI_Lip-0 ACGAAAATGCCCTCTCGTGCTTAGAGAGATTCAATTCGTGCACATATAATATGCCGTGAA 478
FRI_NFA-8 ACGAAAATGCCCTCTCGTGCTTAGAGAGATTCAATTCGTGCACATATAATATGCCGTGAA 480
FRI_Edi-0 ACGAAAATGCCCTCTCGTGCTTAGAGAGATTCAATTCGTGCACATATAATATGCCGTGAA 480
FRI_Ren-1 ACGAAAATGCCCTCTCGTGCTTAGAGAGATTCAATTCGTGCACATATAATATGCCGTGAA 480
FRI_Nok-3 ACGAAAATGCCCTCTCGTGCTTAGAGAGATTCAATTCGTGCACATATAATATGCCGTGAA 480
FRI_Sha ACGAAAATGCCCTCTCGTGCTTAGAGAGATTCAATTCGTGCACATATAATATGCCGTGAA 480
FRI_Wa-1 ACGAAAATGCCCTCTCGTGCTTAGAGAGATTCAATTCGTGCACATATAATATGCCGTGAA 480
FRI_Spr-1-6 ACGAAAATGCCCTCTCGTGCTTAGAGAGATTCAATTCGTGCACATATAATATGCCGTGAA 480
FRI_Bil-7 ACGAAAATGCCCTCTCGTGCTTAGAGAGATTCAATTCGTGACATATAATATGCCGTGAA 480
FRI_Alc-0 ACGAAAATGCCCTCTCGTGCTTAGAGAGATTCAATTCGTGCACATATAATATGCCGTGAA 480
FRI_Pu-2-23 ACGAAAATGCCCTCTCGTGCTTAGAGAGATTCAATTCGTGCACATATAATATGCCGTGAA 480
FRI_NFA-10 ACGAAAATGCCCTCTCGTGCTTAGAGAGATTCAATTCGTGCACATATAATATGCCGTGAA 479
FRI_Cvi-0 ACGAAAATGCCCTCTCGTGCTTAGAGAGATTCAATTCGTGCACATATAATATGCCGTGAA 480
FRI_Zdr-6 ACGAAAATGCCCTCTCGTGCTTAGAGAGATTCAATTCGTGCACATATAATATGCCGTGAA 480

FRI_An-1 TATACCACCAACTCTCTTACTCGTACTCGCATGTGGTGCGTGCAATATACACGTGGTTCC 540
FRI_Pro-0 TATACCACCAACTCTCTTACTCGTACTCGCATGTGGTGCGTGCAATATACACGTGGTTCC 539
FRI_Bâ1-2 TATACCACCAACTCTCTTACTCGTACTCGCATGTGGTGCGTGCAATATACACGTGGTTCC 540
FRI_St-0 TATACCACCAACTCTCTTACTCGTACTCGCATGTGGTGCGTGCAATATACACGTGGTTCC 538
FRI_Bg-2 TATACCACCAACTCTCTTACTCGTACTCGCATGTGGTGCGTGCAATATATACGTGGTTCC 538
FRI_C24 TATACCACCAACTCTCTTACTCGTACTCGCATGTGGTGCGTGCAATATACACGTGGTTCC 538
FRI_Van-0 TATACCACCAACTCTCTTACTCGTACTCGCATGTGGTGCGTGCAATATACACGTGGTTCC 538
FRI_U11-2-3 TATACCACCAACTCTCTTACTCGTACTCGCATGTGGTGCGTGCAATATACACGTGGTTCC 538
FRI_Lip-0 TATACCACCAACTCTCTTACTCGTACTCGCATGTGGTGCGTGCAATATACACGTGGTTCC 538
FRI_NFA-8 TATACCACCAACTCTCTTACTCGTACTCGCATGTGGTGCGTGCAATATACACGTGGTTCC 540
FRI_Edi-0 TATACCACCAACTCTCTTACTCGTACTCGCATGTGGTGCGTGCAATATACACGTGGTTCC 540
FRI_Ren-1 TATACCACCAACTCTCTTACTCGTACTCGCATGTGGTGCGTGCAATATACACGTGGTTCC 540
FRI_Nok-3 TATACCACCAACTCTCTTACTCGTACTCGCATGTGGTGCGTGCAATATACACGTGGTTCC 540
FRI_Sha TATACCACCAACTCTCTTACTCGTACTCGCATGTGGTGCGTGCAATATACACGTGGTTCC 540
FRI_Wa-1 TATACCACCAACTCTCTTACTCGTACTCGCATGTGGTGCGTGCAATATACACGTGGTTCC 540
FRI_Spr-1-6 TATACCACCAACTCTCTTACTCGTACTCGCATGTGGTGCGTGCAATATACACGTGGTTCC 540

FRI_Bil-7 TATACCACCAACTCTCTTACTCGTACTCGCATGTGGTGCCTGCAATATACACGTGGTTCG 540
FRI_Alc-0 TATACCACCAACTCTCTTACTCGTACTCGCATGTGGTGCCTGCAATATACACGTGGTTCG 540
FRI_Pu-2-23 TATACCACCAACTCTCTTACTCGTACTCGCATGTGGTGCCTGCAATATACACGTGGTTCG 540
FRI_NFA-10 TATACCACCAACTCTCTTACTCGTACTCGCATGTGGTGCCTGCAATATACACGTGGTTCG 539
FRI_Cvi-0 TATACCACCAACTCTCTTACTCGTACTCGCATGTGGTGCCTGCAATATACACGTGGTTCG 540
FRI_Zdr-6 TATACCACCAACTCTCTTACTCGTACTCGCATGTGGTGCCTGCAATATACACGTGGTTCG 540

FRI_An-1 AATCAACGGCTACGTTTTACTGATAGGTGGCTCGTTTAGTTTTGCACTGCCTTTGGGTGC 600
FRI_Pro-0 AATCAACGGCTACGTTTTACTGATAGGTGGCTCGTTTAGTTTTGCACTGCCTTTGGGTGC 599
FRI_Bâ1-2 AATCAACGGCTACGTTTTACTGATAGGTGGCTCGTTTAGTTTTGCACTGCCTTTGGGTGC 600
FRI_St-0 AATCAACGGCTACGTTTTACTGATAGGTGGCTCGTTTAGTTTTGCACTGCCTTTGGGTGC 598
FRI_Bg-2 AATCAACGGCTACGTTTTACTGATAGGTGGCTCGTTTAGTTTTGCACTGCCTTTGGGTGC 598
FRI_C24 AATCAACGGCTACGTTTTACTGATAGGTGGCTCGTTTAGTTTTGCACTGCCTTTGGGTGC 598
FRI_Van-0 AATCAACGGCTACGTTTTACTGATAGGTGGCTCGTTTAGTTTTGCACTGCCTTTGGGTGC 598
FRI_U11-2-3 AATCAACGGCTACGTTTTACTGATAGGTGGCTCGTTTAGTTTTGCACTGCCTTTGGGTGC 598
FRI_Lip-0 AATCAACGGCTACGTTTTACTGATAGGTGGCTCGTTTAGTTTTGCACTGCCTTTGGGTGC 598
FRI_NFA-8 AATCAACGGCTACGTTTTACTGATAGGTGGCTCGTTTAGTTTTGCACTGCCTTTGGGTGC 600
FRI_Edi-0 AATCAACGGCTACGTTTTACTGATAGGTGGCTCGTTTAGTTTTGCACTGCCTTTGGGTGC 600
FRI_Ren-1 AATCAACGGCTACGTTTTACTGATAGGTGGCTCGTTTAGTTTTGCACTGCCTTTGGGTGC 600
FRI_Nok-3 AATCAACGGCTACGTTTTACTGATAGGTGGCTCGTTTAGTTTTGCACTGCCTTTGGGTGC 600
FRI_Sha AATCAACGGCTACGTTTTACTGATAGGTGGCTCGTTTAGTTTTGCACTGCCTTTGGGTGC 600
FRI_Wa-1 AATCAACGGCTACGTTTTACTGATAGGTGGCTCGTTTAGTTTTGCACTGCCTTTGGGTGC 600
FRI_Spr-1-6 AATCAACGGCTACGTTTTACTGATAGGTGGCTCGTTTAGTTTTGCACTGCCTTTGGGTGC 600
FRI_Bil-7 AATCAACGGCTACGTTTTACTGATAGGTGGCTCGTTTAGTTTTGCACTGCCTTTGGGTGC 600
FRI_Alc-0 AATCAACGGCTACGTTTTACTGATAGGTGGCTCGTTTAGTTTTGCACTGCCTTTGGGTGC 600
FRI_Pu-2-23 AATCAACGGCTACGTTTTACTGATAGGTGGCTCGTTTAGTTTTGCACTGCCTTTGGGTGC 600
FRI_NFA-10 AATCAACGGCTACGTTTTACTGATAGGTGGCTCGTTTAGTTTTGCACTGCCTTTGGGTGC 599
FRI_Cvi-0 AATCAACGGCTACGTTTTACTGATAGGTGGCTCGTTTAGTTTTGCACTGCCTTTGGGTGC 600
FRI_Zdr-6 AATCAACGGCTACGTTTTACTGATAGGTGGCTCGTTTAGTTTTGCACTGCCTTTGGGTGC 600

FRI_An-1 GCGTGACCAAGTCATTTTCCAAATGTGTTTTAATATTTGTGAACATATTATTAATAAAAAA 660
FRI_Pro-0 GCGTGACCAAGTCATTTTCCAAATGTGTTTTAATATTTGTGAACATATTATTAATAAAAAA 659
FRI_Bâ1-2 GCGTGACCAAGTCATTTTCCAAATGTGTTTTAATATTTGTGAACATATTATTAATAAAAAA 660
FRI_St-0 GCGTGACCAAGTCATTTTCCAAATGTGTTTTAATATTTGTGAACATATTATTAATAAAAAA 658
FRI_Bg-2 GCGTGACCAAGTCATTTTCCAAATGTGTTTTAATATTTGTGAACATATTATTAATAAAAAA 658
FRI_C24 GCGTGACCAAGTCATTTTCCAAATGTGTTTTAATATTTGTGAACATATTATTAATAAAAAA 658
FRI_Van-0 GCGTGACCAAGTCATTTTCCAAATGTGTTTTAATATTTGTGAACATATTATTAATAAAAAA 658
FRI_U11-2-3 GCGTGACCAAGTCATTTTCCAAATGTGTTTTAATATTTGTGAACATATTATTAATAAAAAA 658
FRI_Lip-0 GCGTGACCAAGTCATTTTCCAAATGTGTTTTAATATTTGTGAACATATTATTAATAAAAAA 658
FRI_NFA-8 GCGTGACCAAGTCATTTTCCAAATGTGTTTTAATATTTGTGAACATATTATTAATAAAAAA 660
FRI_Edi-0 GCGTGACCAAGTCATTTTCCAAATGTGTTTTAATATTTGTGAACATATTATTAATAAAAAA 660
FRI_Ren-1 GCGTGACCAAGTCATTTTCCAAATGTGTTTTAATATTTGTGAACATATTATTAATAAAAAA 660
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FRI_Spr-1-6 GCGTGACCAAGTCATTTTCCAAATGTGTTTTAATATTTGTGAACATATTATTAATAAAAAA 660
FRI_Bil-7 GCGTGACCAAGTCATTTTCCAAATGTGTTTTAATATTTGTGAACATATTATTAATAAAAAA 660
FRI_Alc-0 GCGTGACCAAGTCATTTTCCAAATGTGTTTTAATATTTGTGAACATATTATTAATAAAAAA 660
FRI_Pu-2-23 GCGTGACCAAGTCATTTTCCAAATGTGTTTTAATATTTGTGAACATATTATTAATAAAAAA 660
FRI_NFA-10 GCGTGACCAAGTCATTTTCCAAATGTGTTTTAATATTTGTGAACATATTATTAATAAAAAA 659
FRI_Cvi-0 GCGTGACCAAGTCATTTTCCAAATGGGTTTTAATATTTGTGAACATATTATTAATAAAAAA 660
FRI_Zdr-6 GCGTGACCAAGTCATTTTCCAAATGTGTTTTAATATTTGTGAACATATTATTAATAAAAAA 660

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FRI_Pro-0 GCGAGCGACGTTGTTCTTTGATGAGGGAACGACCGTACGCTTGGCGACCTTCTCTGATTG 719
FRI_Bâ1-2 GCGAGCGACGTTGTTCTTTGATGAGGGAACGACCGTACGCTTGGCGACCTTCTCTGATTG 720
FRI_St-0 GCGAGCGACGTTGTTCTTTGATGAGGGAACGACCGTACGCTTGGCGACCTTCTCTGATTG 718
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FRI_Van-0 GCGAGCGACGTTGTTCTTTGATGAGGGAACGACCGTACGCTTGGCGACCTTCTCTGATTG 718
FRI_U11-2-3 GCGAGCGACGTTGTTCTTTGATGAGGGAACGACCGTACGCTTGGCGACCTTCTCTGATTG 718
FRI_Lip-0 GCGAGCGACGTTGTTCTTTGATGAGGGAACGACCGTACGCTTGGCGACCTTCTCTGATTG 718
FRI_NFA-8 GCGAGCGACGTTGTTCTTTGATGAGGGAACGACCGTACGCTTGGCGACCTTCTCTGATTG 720
FRI_Edi-0 GCGAGCGACGTTGTTCTTTGATGAGGGAACGACCGTACGCTTGGCGACCTTCTCTGATTG 720
FRI_Ren-1 GCGAGCGACGTTGTTCTTTGATGAGGGAACGACCGTACGCTTGGCGACCTTCTCTGATTG 720
FRI_Nok-3 GCGAGCGACGTTGTTCTTTGATGAGGGAACGACCGTACGCTTGGCGACCTTCTCTGATTG 720
FRI_Sha GCGAGCGACGTTGTTCTTTGATGAGGGAACGACCGTACGCTTGGCGACCTTCTCTGATTG 720
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FRI_Spr-1-6 GCGAGCGACGTTGTTCTTTGATGAGGGAACGACCGTACGCTTGGCGACCTTCTCTGATTG 720
FRI_Bil-7 GCGAGCGACGTTGTTCTTTGATGAGGGAACGACCGTACGCTTGGCGACCTTCTCTGATTG 720
FRI_Alc-0 GCGAGCGACGTTGTTCTTTGATGAGGGAACGACCGTACGCTTGGCGACCTTCTCTGATTG 720
FRI_Pu-2-23 GCGAGCGACGTTGTTCTTTGATGAGGGAACGACCGTACGCTTGGCGACCTTCTCTGATTG 720
FRI_NFA-10 GCGAGCGACGTTGTTCTTTGATGAGGGAACGACCGTACGCTTGGCGACCTTCTCTGATTG 719
FRI_Cvi-0 GCGAGCGACGTTGTTCTTTGATGAGGGAACGACCGTACGCTTGGCGACCTTCTCTGATTG 720
FRI_Zdr-6 GCGAGCGACGTTGTTCTTTGATGAGGGAACGACCGTACGCTTGGCGACCTTCTCTGATTG 720

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FRI_Pro-0 CGTAGAGTCGTTTTTCCTTATTGGGCTTACCTAGTACCGTCAGCCCAACAATGTTTTCAATTT 779
FRI_Bâ1-2 CGTAGAGTCGTTTTTCCTTATTGGGCTTACCTAGTACCGTCAGCCCAACAATGTTTTCAATTT 780
FRI_St-0 CGTAGAGTCGTTTTTCCTTATTGGGCTTACCTAGTACCGTCAGCCCAACAATGTTTTCAATTT 778
FRI_Bg-2 CGTAGAGTCGTTTTTCCTTATTGGGCTTACCTAGTACCGTCAGCCCAACAATGTTTTCAATTT 778
FRI_C24 CGTAGAGTCGTTTTTCCTTATTGGGCTTACCTAGTACCGTCAGCCCAACAATGTTTTCAATTT 778
FRI_Van-0 CGTAGAGTCGTTTTTCCTTATTGGGCTTACCTAGTACCGTCAGCCCAACAATGTTTTCAATTT 778
FRI_U11-2-3 CGTAGAGTCGTTTTTCCTTATTGGGCTTACCTAGTACCGTCAGCCCAACAATGTTTTCAATTT 778
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FRI_NFA-8 CGTAGAGTCGTTTTTCCTTATTGGGCTTACCTAGTACCGTCAGCCCAACAATGTTTTCAATTT 780
FRI_Edi-0 CGTAGAGTCGTTTTTCCTTATTGGGCTTACCTAGTACCGTCAGCCCAACAATGTTTTCAATTT 780
FRI_Ren-1 CGTAGAGTCGTTTTTCCTTATTGGGCTTACCTAGTACCGTCAGCCCAACAATGTTTTCAATTT 780
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FRI_Bil-7 CGTAGAGTCGTTTTTCCTTATTGGGCTTACCTAGTACCGTCAGCCCAACAATGTTTTCAATTT 780
FRI_Alc-0 CGTAGAGTCGTTTTTCCTTATTGGGCTTACCTAGTACCGTCAGCCCAACAATGTTTTCAATTT 780
FRI_Pu-2-23 CGTAGAGTCGTTTTTCCTTATTGGGCTTACCTAGTACCGTCAGCCCAACAATGTTTTCAATTT 780
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FRI_Cvi-0 CGTAGAGTCGTTTTTCCTTATTGGGCTTACCTAGTACCGTCAGCCCAACAATGTTTTCAATTT 780
FRI_Zdr-6 CGTAGAGTCGTTTTTCCTTATTGGGCTTACCTAGTACCGTCAGCCCAACAATGTTTTCAATTT 780

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FRI_Pro-0 CTTTCCCACCTAAAAGTAAAGTACTCACAAGTCAACAATTAACCAAGTACACAAGGAT 839
FRI_Bâ1-2 CTTTCCCACCTAAAAGTAAAGTACTCACAAGTCAACAATTAACCAAGTACACAAGGAT 840
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FRI_Pu-2-23 CTTTCCCACCTAAAAGTAAAGTACTCACAAGTCAACAATTAACCAAGTACACAAGGAT 840
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FRI_Pro-0 TTTATCATGGGATTATCGTGTTTGAAGACTAAAAGAGCACACCATCACCCCATTAGTG 899
FRI_Bâ1-2 TTTATCATGGGATTATCGTGTTTGAAGACTAAAAGAGCACACCATCACCCCATTAGTG 900
FRI_St-0 ----- 829
FRI_Bg-2 TTTATCATGGGATTATCGTGTTTGAAGACTAAAAGAGCACACCATCACCCCATTAGTG 898
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FRI_Van-0 TTTATCATGGGATTATCGTGTTTGAAGACTAAAAGAGCACACCATCACCCCATTAGTG 898
FRI_U11-2-3 TTTATCATGGGATTATCGTGTTTGAAGACTAAAAGAGCACACCATCACCCCATTAGTG 898
FRI_Lip-0 TTTATCATGGGATTATCGTGTTTGAAGACTAAAAGAGCACACCATCACCCCATTAGTG 898
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FRI_NFA-10 TTTATCATGGGATTATCGTGTTTGAAGACTAAAAAGAGCACACCATCACCCCATTAGTG 899
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FRI_Zdr-6 TTTATCATGGGATTATCGTGTTTGAAGACTAAAAAGAGCACACCATCACCCCATTAGTG 900

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FRI_Bål-2 CAGGTAGAGTAAGACAGTAACCTTTTGGGTTTCATATTACCGAGCAAGAACCCTTATTTGTG 960
FRI_St-0 CAGGTAGAGTAAGACAGTAACCTTTTGGGTTTCATATTACCGAGCAAGAACCCTTATTTGTG 889
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FRI_Van-0 CAGGTAGAGTAAGACAGTAACCTTTTGGGTTTCATATTACCGAGCAAGAACCCTTATTTGTG 958
FRI_U11-2-3 CAGGTAGAGTAAGACAGTAACCTTTTGGGTTTCATATTACCGAGCAAGAACCCTTATTTGTG 958
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FRI_C24 ATTAGACATGTTATAAACCCTGCTTTAGTGACTATTTAAAACAATATATTACATGTCGT 1018
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FRI_St-0 AATCATGCAACCTAECTATGTTTTTCATTAATCAAATACAAAGAATAAAGAGAAAAGTGCG 1009
FRI_Bg-2 AATCATGCAACCTAECTATGTTTTTCATTAATCAAATACAAAGAATAAAGAGAAAAGTGCG 1078
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FRI_Ren-1 AATCATGCAACC----- 1032
FRI_Nok-3 AATCATGCAACCTAECTATGTTTTTCATTAATCAAATACAAAGAATAAAGAGAAAAGTGCG 1080

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FRI_Wa-1 AATCATGCAACCTAACTATGTTTTTCATTAATCAAATACAAAGAATAAAGAGAAAAGTGCG 1080
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FRI_Zdr-6 AATCATGCAACCTAACTATGTTTTTCATTAATCAAATACAAAGAATAAAGAGAAAAGTGCG 1080

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FRI_Pro-0 TAGATTCAATTATTTGGCATAGACTCAAAGAGTGTATATATATCTGACTTTTATTAAT 1139
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FRI_Van-0 TAGATTCAATTATTTGGCATAGACTCAAAGAGTGTATATATATCTGACTTTTATTAAT 1138
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FRI_Ren-1 ----- 1032
FRI_Nok-3 TAGATTCAATTACTTTGGCATAGACTCAAAGAGTGTATATATATCTGACTTTTATTAAT 1140
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FRI_Bil-7 TAGATTCAATTATTTGGCATAGACTCAAAGAGTGTATATATATCTGACTTTTATTAAT 1140
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FRI_NFA-10 TAGATTCAATTATTTGGCATAGACTCAAAGAGTGTATATATATCTGACTTTTATTAAT 1139
FRI_Cvi-0 TAGATTCAATTATTTGGCATAGACTCAAAGAGTGTATATATATCTGACTTTTATTAAT 1140
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FRI_Bâ1-2 TATTAACACAAATACATATTTTCATAAGCAAAACTATAAAAAGCCCTAAACATATAATGA 1200
FRI_St-0 TATTAACACAAATACATATTTTCATAAGCAAAACTATAAAAAGCCCTAAACATATAACGA 1129
FRI_Bg-2 TATTAACACAAATACATATTTTCATAAGCAAAACTATAAAAAGCCCTAAACATATAACGA 1198
FRI_C24 TATTAACACAAATACATATTTTCATAAGCAAAACTATAAAAAGCCCTAAACATATAACGA 1198
FRI_Van-0 TATTAACACAAATACATATTTTCATAAGCAAAACTATAAAAAGCCCTAAACATATAATGA 1198
FRI_U11-2-3 TATTAACACAAATACATATTTTCATAAGCAAAACTATAAAAAGCCCTAAACATATAATGA 1198
FRI_Lip-0 TATTAACACAAATACATATTTTCATAAGCAAAACTATAAAAAGCCCTAAACATATAATGA 1198
FRI_NFA-8 TATTAACACAAATACATATTTTCATAAGCAAAACTATAAAAAGCCCTAAACATATAATGA 1200
FRI_Edi-0 TATTAACACAAATACATATTTTCATAAGCAAAACTATAAAAAGCCCTAAACATATAACGA 1200
FRI_Ren-1 ----- 1032
FRI_Nok-3 TATTAACACAAATACATATTTTCATAAGCAAAACTATAAAAAGCCCTAAACATATAATGA 1200
FRI_Sha TATTAACACAAATACATATTTTCATAAGCAAAACTATAAAAAGCCCTAAAGATATAACGA 1200
FRI_Wa-1 TATTAACACAAATACATATTTTCATAAGCAAAACTATAAAAAGCCCTAAAGATATAACGA 1200
FRI_Spr-1-6 TATTAACACAAATACATATTTTCATAAGCAAAACTATAAAAAGCCCTAAAGATATAACGA 1200
FRI_Bil-7 TATTAACACAAATACATATTTTCATAAGCAAAACTATAAAAAGCCCTAAACATATAATGA 1200
FRI_Alc-0 TATTAACACAAATACATATTTTCATAAGCAAAACTATAAAAAGCCCTAAACATATAACGA 1200
FRI_Pu-2-23 TATTAACACAAATACATATTTTCATAAGCAAAACTATAAAAAGCCCTAAACATATAATGA 1200
FRI_NFA-10 TATTAACACAAATACATATTTTCATAAGCAAAACTATAAAAAGCCCTAAACATATAATGA 1199
FRI_Cvi-0 TATTAACACAAATACATATTTTCATAAGCAAAACTATAAAAAGCCCTAAACATATAATGA 1200
FRI_Zdr-6 TATTAACACAAATACATATTTTCATAAGCAAAACTATAAAAAGCCCTAAACATATAATGA 1200

FRI_An-1 TTACCTCAAAGGAAAAAGTCGTTTTCTCCTAATTTAAAAGATAGGTTACTTCTTAATTA-- 1258
FRI_Pro-0 TTACCTCAAAGGAAAAAGTCGTTTTCTCCTAATTTAAAAGATAGGTTACTTCTTAATTAAT 1259
FRI_Bâ1-2 TTACCTCAAAGGAAAAAGTCGTTTTCTCCTACTTTAAAAGATAGGTTACTTCTTAATTA-- 1258
FRI_St-0 TTACCTCAAAGGAAAAAGTCGTTTTCTCCTAATTTAAAAGATAGGTTACTTCTTAATTA-- 1187
FRI_Bg-2 TTACCTCAAAGGAAAAAGTCGTTTTCTCCTAATTTAAAAGATAGGTTACTTCTTAATTA-- 1256
FRI_C24 TTACCTCAAAGGAAAAAGTCGTTTTCTCCTAATTTAAAAGATAGGTTACTTCTTAATTA-- 1256
FRI_Van-0 TTACCTCAAAGGAAAAAGTCGTTTTCTCCTAATTTAAAAGATAGGTTACTTCTTAATTA-- 1256
FRI_U11-2-3 TTACCTCAAAGGAAAAAGTCGTTTTCTCCTAATTTAAAAGATAGGTTACTTCTTAATTAAT 1258
FRI_Lip-0 TTACCTCAAAGGAAAAAGTCGTTTTCTCCTAATTTAAAAGATAGGTTACTTCTTAATTAAT 1258
FRI_NFA-8 TTACCTCAAAGGAAAAAGTCGTTTTCTCCTAATTTAAAAGATAGGTTACTTCTTAATTA-- 1258
FRI_Edi-0 TTACCTCAAAGGAAAAAGTCGTTTTCTCCTAATTTAAAAGATAGGTTACTTCTTAATTA-- 1258
FRI_Ren-1 ----- 1032

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| FRI_Nok-3 | TTACCTCAAAGGAAAAAGTCGTTTTCTCCTAATTAAGATAGGTTACTTCCTAATTA-- | 1258 |
| FRI_Sha | TTACCTCAAAGGAAAAAGTCGTTTTCTCCTAATTAAGATAGGTTACTTCCTAATTA-- | 1258 |
| FRI_Wa-1 | TTACCTCAAAGGAAAAAGTCGTTTTCTCCTAATTAAGATAGGTTACTTCCTAATTA-- | 1258 |
| FRI_Spr-1-6 | TTACCTCAAAGGAAAAAGTCGTTTTCTCCTAATTAAGATAGGTTACTTCCTAATTA-- | 1258 |
| FRI_Bil-7 | TTACCTCAAAGGAAAAAGTCGTTTTCTCCTAATTAAGATAGGTTACTTCCTAATTA-- | 1258 |
| FRI_Alc-0 | TTACCTCAAAGGAAAAAGTCGTTTTCTCCTAATTAAGATAGGTTACTTCCTAATTA-- | 1258 |
| FRI_Pu-2-23 | TTACCTCAAAGGAAAAAGTCGTTTTCTCCTAATTAAGATAGGTTACTTCCTAATTAAT | 1260 |
| FRI_NFA-10 | TTACCTCAAAGGAAAAAGTCGTTTTCTCCTAATTAAGATAGGTTACTTCCTAATTAAT | 1259 |
| FRI_Cvi-0 | TTACCTCAAAGGAAAAAGTCGTTTTCTCCTAATTAAGATAGGTTACTTCCTAATTAAT | 1260 |
| FRI_Zdr-6 | TTACCTCAAAGGAAAAAGTCGTTTTCTCCTAATTAAGATAGGTTACTTCCTAATTAAT | 1260 |

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| FRI_An-1 | -ATATATAATTTATGTGAAC TTCACAATATACAGTCAATAAAAATTTGGTAATTTGACCG | 1317 |
| FRI_Pro-0 | AGTATATAATTTATGTGAAC TTCACAATATACAGTCAATAAAAATTTGGTAATTTGACCG | 1319 |
| FRI_Bal-2 | -ATATATAATTTATGTGAAC TTCACAATATACAGTCAATAAAAATTTGGTAATTTGACCG | 1317 |
| FRI_St-0 | -ATATATAATTTATGTGAAC TTCACAATATACAGTCAATAAAAATTTGGTAATTTGACCG | 1246 |
| FRI_Bg-2 | -ATATATAATTTATGTGAAC TTCACAATATACAGTCAATAAAAATTTGGTAATTTGACCG | 1315 |
| FRI_C24 | -ATATATAATTTATGTGAAC TTCACAATATACAGTCAATAAAAATTTGGTAATTTGACCG | 1315 |
| FRI_Van-0 | -ATATATAATTTATGTGAAC TTCACAATATACAGTCAATAAAAATTTGGTAATTTGACCG | 1315 |
| FRI_U11-2-3 | AGTATATAATTTATGTGAAC TTCACAATATACAGTCAATAAAAATTTGGTAATTTGACCG | 1318 |
| FRI_Lip-0 | AGTATATAATTTATGTGAAC TTCACAATATACAGTCAATAAAAATTTGGTAATTTGACCG | 1318 |
| FRI_NFA-8 | -ATATATAATTTATGTGAAC TTCACAATATACAGTCAATAAAAATTTGGTAATTTGACCG | 1317 |
| FRI_Edi-0 | -ATATATAATTTATGTGAAC TTCACAATATACAGTCAATAAAAATTTGGTAATTTGACCG | 1317 |
| FRI_Ren-1 | ----- | 1032 |
| FRI_Nok-3 | -ATATATAATTTATGTGAAC TTCACAATATACAGTCAATAAAAATTTGGTAATTTGACCG | 1317 |
| FRI_Sha | -ATATATAATTTATGTGAAC TTCACAATATACAGTCAATAAAAATTTGGTAATTTGACCG | 1317 |
| FRI_Wa-1 | -ATATATAATTTATGTGAAC TTCACAATATACAGTCAATAAAAATTTGGTAATTTGACCG | 1317 |
| FRI_Spr-1-6 | -ATATATAATTTATGTGAAC TTCACAATATACAGTCAATAAAAATTTGGTAATTTGACCG | 1317 |
| FRI_Bil-7 | -ATATATAATTTATGTGAAC TTCACAATATACAGTCAATAAAAATTTGGTAATTTGACCG | 1317 |
| FRI_Alc-0 | -ATATATAATTTATGTGAAC TTCACAATATACAGTCAATAAAAATTTGGTAATTTGACCG | 1317 |
| FRI_Pu-2-23 | AGTATATAATTTATGTGAAC TTCACAATATACAGTCAATAAAAATTTGGTAATTTGACCG | 1320 |
| FRI_NFA-10 | AGTATATAATTTATGTGAAC TTCACAATATACAGTCAATAAAAATTTGGTAATTTGACCG | 1319 |
| FRI_Cvi-0 | AGTATATAATTTATGTGAAC TTCACAATATACAGTCAATAAAAATTTGGTAATTTGACCG | 1320 |
| FRI_Zdr-6 | AGTATATAATTTATGTGAAC TTCACAATATACAGTCAATAAAAATTTGGTAATTTGACCG | 1320 |

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| FRI_An-1 | ATTTAAGGAGAGTGGAAATTAGGGCTTCTGCAATCTTTTTCTTCGCCGCAATCTCATGT | 1377 |
| FRI_Pro-0 | ATTTAAGGAGAGTGGAAATTAGGGCTTCTGCAATCTTTTTCTTCGCCGCAATCTCATGT | 1379 |
| FRI_Bal-2 | ATTTAAGGAGAGTGGAAATTAGGGCTTCTGCAATCTTTTTCTTCGCCGCAATCTCATGT | 1377 |
| FRI_St-0 | ATTTAAGGAGAGTGGAAATTAGGGCTTCTGCAATCTTTTTCTTCGCCGCAATCTCATGT | 1306 |
| FRI_Bg-2 | ATTTAAGGAGAGTGGAAATTAGGGCTTCTGCAATCTTTTTCTTCGCCGCAATCTCATGT | 1375 |
| FRI_C24 | ATTTAAGGAGAGTGGAAATTAGGGCTTCTGCAATCTTTTTCTTCGCCGCAATCTCATGT | 1375 |
| FRI_Van-0 | ATTTAAGGAGAGTGGAAATTAGGGCTTCTGCAATCTTTTTCTTCGCCGCAATCTCATGT | 1375 |
| FRI_U11-2-3 | ATTTAAGGAGAGTGGAAATTAGGGCTTCTGCAATCTTTTTCTTCGCCGCAATCTCATGT | 1378 |
| FRI_Lip-0 | ATTTAAGGAGAGTGGAAATTAGGGCTTCTGCAATCTTTTTCTTCGCCGCAATCTCATGT | 1378 |
| FRI_NFA-8 | ATTTAAGGAGAGTGGAAATTAGGGCTTCTGCAATCTTTTTCTTCGCCGCAATCTCATGT | 1377 |
| FRI_Edi-0 | ATTTAAGGAGAGTGGAAATTAGGGCTTCTGCAATCTTTTTCTTCGCCGCAATCTCATGT | 1377 |
| FRI_Ren-1 | ----- | 1032 |
| FRI_Nok-3 | ATTTAAGGAGAGTGGAAATTAGGGCTTCTGCAATCTTTTTCTTCGCCGCAATCTCATGT | 1377 |
| FRI_Sha | ATTTAAGGAGAGTGGAAATTAGGGCTTCTGCAATCTTTTTCTTCGCCGCAATCTCATGT | 1377 |
| FRI_Wa-1 | ATTTAAGGAGAGTGGAAATTAGGGCTTCTGCAATCTTTTTCTTCGCCGCAATCTCATGT | 1377 |
| FRI_Spr-1-6 | ATTTAAGGAGAGTGGAAATTAGGGCTTCTGCAATCTTTTTCTTCGCCGCAATCTCATGT | 1377 |
| FRI_Bil-7 | ATTTAAGGAGAGTGGAAATTAGGGCTTCTGCAATCTTTTTCTTCGCCGCAATCTCATGT | 1377 |
| FRI_Alc-0 | ATTTAAGGAGAGTGGAAATTAGGGCTTCTGCAATCTTTTTCTTCGCCGCAATCTCATGT | 1377 |
| FRI_Pu-2-23 | ATTTAAGGAGAGTGGAAATTAGGGCTTCTGCAATCTTTTTCTTCGCCGCAATCTCATGT | 1380 |
| FRI_NFA-10 | ATTTAAGGAGAGTGGAAATTAGGGCTTCTGCAATCTTTTTCTTCGCCGCAATCTCATGT | 1379 |
| FRI_Cvi-0 | ATTTAAGGAGAGTGGAAATTAGGGCTTCTGCAATCTTTTTCTTCGCCGCAATCTCATGT | 1380 |
| FRI_Zdr-6 | ATTTAAGGAGAGTGGAAATTAGGGCTTCTGCAATCTTTTTCTTCGCCGCAATCTCATGT | 1380 |

Start codon

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| FRI_An-1 | CCAATTATCCACCGGCTGGCGGCAACCCACAACGACGGCGAATCCACTGCTGCAGC | 1437 |
| FRI_Pro-0 | CCAATTATCCACCGGCTGGCGGCAACCCACAACGACGGCGAATCCACTGCTGCAGC | 1439 |
| FRI_Bal-2 | CCAATTATCCACCGGCTGGCGGCAACCCACAACGACGGCGAATCCACTGCTGCAGC | 1437 |
| FRI_St-0 | CCAATTATCCACCGGCTGGCGGCAACCCACAACGACGGCGAATCCACTGCTGCAGC | 1366 |
| FRI_Bg-2 | CCAATTATCCACCGGCTGGCGGCAACCCACAACGACGGCGAATCCACTGCTGCAGC | 1435 |
| FRI_C24 | CCAATTATCCACCGGCTGGCGGCAACCCACAACGACGGCGAATCCACTGCTGCAGC | 1435 |
| FRI_Van-0 | CCAATTATCCACCGGCTGGCGGCAACCCACAACGACGGCGAATCCACTGCTGCAGC | 1435 |
| FRI_U11-2-3 | CCAATTATCCACCGGCTGGCGGCAACCCACAACGACGGCGAATCCACTGCTGCAGC | 1438 |
| FRI_Lip-0 | CCAATTATCCACCGGCTGGCGGCAACCCACAACGACGGCGAATCCACTGCTGCAGC | 1438 |
| FRI_NFA-8 | CCAATTATCCACCGGCTGGCGGCAACCCACAACGACGGCGAATCCACTGCTGCAGC | 1437 |

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| FRI_Edi-0 | CCAATTATCCACCGGCGGTGGCGGCGCAACCCACAACGACGGCGAATCCACTGCTGCAGC | 1437 |
| FRI_Ren-1 | -----TAACCCACAACGACGGCGAATCCACTGCTGCAGC | 1066 |
| FRI_Nok-3 | CCAATTATCCACCGGCGGTGGCGGCGCAACCCACAACGACGGCGAATCCACTGCTGCAGC | 1437 |
| FRI_Sha | CCAATTATCCACCGGCGGTGGCGGCGCAACCCACAACGACGGCGAATCCACTGCTGCAGC | 1437 |
| FRI_Wa-1 | CCAATTATCCACCGGCGGTGGCGGCGCAACCCACAACGACGGCGAATCCACTGCTGCAGC | 1437 |
| FRI_Spr-1-6 | CCAATTATCCACCGGCGGTGGCGGCGCAACCCACAACGACGGCGAATCCACTGCTGCAGC | 1437 |
| FRI_Bil-7 | CCAATTATCCACCGGCGGTGGCGGCGCAACCCACAACGACGGCGAATCCACTGCTGCAGC | 1437 |
| FRI_Alc-0 | CCAATTATCCACCGGCGGTGGCGGCGCAACCCACAACGACGGCGAATCCACTGCTGCAGC | 1437 |
| FRI_Pu-2-23 | CCAATTATCCACCGGCGGTGGCGGCGCAACCCACAACGACGGCGAATCCACTGCTGCAGC | 1440 |
| FRI_NFA-10 | CCAATTATCCACCGGCGGTGGCGGCGCAACCCACAACGACGGCGAATCCACTGCTGCAGC | 1439 |
| FRI_Cvi-0 | CCAATTATCCACCGGCGGTGGCGGCGCAACCCACAACGACGGCGAATCCACTGCTGCAGC | 1440 |
| FRI_Zdr-6 | CCAATTATCCACCGGCGGTGGCGGCGCAACCCACAACGACGGCGAATCCACTGCTGCAGC | 1440 |

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| FRI_An-1 | GACATCAATCTGAACAGCGACGAAGAGAATTACCGAAGATTGTCGAAACAGAGTCTACAA | 1497 |
| FRI_Pro-0 | GACATCAATCTGAACAGCGACGAAGAGAATTACCGAAGATTGTCGAAACAGAGTCTACAA | 1499 |
| FRI_Bål-2 | GACATCAATCTGAACAGCGACGAAGAGAATTACCGAAGATTGTCGAAACAGAGTCTACAA | 1497 |
| FRI_St-0 | GACATCAATCTGAACAGCGACGAAGAGAATTACCGAAGATTGTCGAAACAGAGTCTACAA | 1426 |
| FRI_Bg-2 | GACATCAATCTGAACAGCGACGAAGAGAATTACCGAAGATTGTCGAAACAGAGTCTACAA | 1495 |
| FRI_C24 | GACATCAATCTGAACAGCGCGCAGGAAGAGAATTACCGAAGATTGTCGAAACAGAGTCTACAA | 1495 |
| FRI_Van-0 | GACATCAATCTGAACAGCGACGAAGAGAATTACCGAAGATTGTCGAAACAGAGTCTACAA | 1495 |
| FRI_U11-2-3 | GACATCAATCTGAACAGCGACGAAGAGAATTACCGAAGATTGTCGAAACAGAGTCTACAA | 1498 |
| FRI_Lip-0 | GACATCAATCTGAACAGCGACGAAGAGAATTACCGAAGATTGTCGAAACAGAGTCTACAA | 1498 |
| FRI_NFA-8 | GACATCAATCTGAACAGCGACGAAGAGAATTACCGAAGATTGTCGAAACAGAGTCTACAA | 1497 |
| FRI_Edi-0 | GACATCAATCTGAACAGCGACGAAGAGAATTACCGAAGATTGTCGAAACAGAGTCTACAA | 1497 |
| FRI_Ren-1 | GACATCAATCTGAACAGCGACGAAGAGAATTACCGAAGATTGTCGAAACAGAGTCTACAA | 1126 |
| FRI_Nok-3 | GACATCAATCTGAACAGCGACGAAGAGAATTACCGAAGATTGTCGAAACAGAGTCTACAA | 1497 |
| FRI_Sha | GACATCAATCTGAACAGCGACGAAGAGAATTACCGAAGATTGTCGAAACAGAGTCTACAA | 1497 |
| FRI_Wa-1 | GACATCAATCTGAACAGCGACGAAGAGAATTACCGAAGATTGTCGAAACAGAGTCTACAA | 1497 |
| FRI_Spr-1-6 | GACATCAATCTGAACAGCGACGAAGAGAATTACCGAAGATTGTCGAAACAGAGTCTACAA | 1497 |
| FRI_Bil-7 | GACATCAATCTGAACAGCGACGAAGAGAATTACCGAAGATTGTCGAAACAGAGTCTACAA | 1497 |
| FRI_Alc-0 | GACATCAATCTGAACAGCGACGAAGAGAATTACCGAAGATTGTCGAAACAGAGTCTACAA | 1497 |
| FRI_Pu-2-23 | GACATCAATCTGAACAGCGACGAAGAGAATTACCGAAGATTGTCGAAACAGAGTCTACAA | 1500 |
| FRI_NFA-10 | GACATCAATCTGAACAGCGACGAAGAGAATTACCGAAGATTGTCGAAACAGAGTCTACAA | 1499 |
| FRI_Cvi-0 | GACATCAATCTGAACAGCGACGAAGAGAATTACCGAAGATTGTCGAAACAGAGTCTACAA | 1500 |
| FRI_Zdr-6 | GACATCAATCTGAACAGCGACGAAGAGAATTACCGAAGATTGTCGAAACAGAGTCTACAA | 1500 |

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| FRI_An-1 | GTATGGACATTACGATCGGTCAATCTAAGCAGCCTCAATTTTTGAAATCCATAGACGAAT | 1557 |
| FRI_Pro-0 | GTATGGACATTACGATCGGTCAATCTAAGCAGCCTCAATTTTTGAAATCCATAGACGAAT | 1559 |
| FRI_Bål-2 | GTATGGACATTACGATCGGTCAATCTAAGCAGCCTCAATTTTTGAAATCCATAGACGAAT | 1557 |
| FRI_St-0 | GTATGGACATTACGATCGGTCAATCTAAGCAGCCTCAATTTTTGAAATCCATAGACGAAT | 1486 |
| FRI_Bg-2 | GTATGGACATTACGATCGGTCAATCTAAGCAGCCTCAATTTTTGAAATCCATAGACGAAT | 1555 |
| FRI_C24 | GTATGGACATTACGATCGGTCAATCTAAGCAGCCTCAATTTTTGAAATCCATAGACGAAT | 1555 |
| FRI_Van-0 | GTATGGACATTACGATCGGTCAATCTAAGCAGCCTCAATTTTTGAAATCCATAGACGAAT | 1555 |
| FRI_U11-2-3 | GTATGGACATTACGATCGGTCAATCTAAGCAGCCTCAATTTTTGAAATCCATAGACGAAT | 1558 |
| FRI_Lip-0 | GTATGGACATTACGATCGGTCAATCTAAGCAGCCTCAATTTTTGAAATCCATAGACGAAT | 1558 |
| FRI_NFA-8 | GTATGGACATTACGATCGGTCAATCTAAGCAGCCTCAATTTTTGAAATCCATAGACGAAT | 1557 |
| FRI_Edi-0 | GTATGGACATTACGATCGGTCAATCTAAGCAGCCTCAATTTTTGAAATCCATAGACGAAT | 1557 |
| FRI_Ren-1 | GTATGGACATTACGATCGGTCAATCTAAGCAGCCTCAATTTTTGAAATCCATAGACGAAT | 1186 |
| FRI_Nok-3 | GTATGGACATTACGATCGGTCAATCTAAGCAGCCTCAATTTTTGAAATCCATAGACGAAT | 1557 |
| FRI_Sha | GTATGGACATTACGATCGGTCAATCTAAGCAGCCTCAATTTTTGAAATCCATAGACGAAT | 1557 |
| FRI_Wa-1 | GTATGGACATTACGATCGGTCAATCTAAGCAGCCTCAATTTTTGAAATCCATAGACGAAT | 1557 |
| FRI_Spr-1-6 | GTATGGACATTACGATCGGTCAATCTAAGCAGCCTCAATTTTTGAAATCCATAGACGAAT | 1557 |
| FRI_Bil-7 | GTATGGACATTACGATCGGTCAATCTAAGCAGCCTCAATTTTTGAAATCCATAGACGAAT | 1557 |
| FRI_Alc-0 | GTATGGACATTACGATCGGTCAATCTAAGCAGCCTCAATTTTTGAAATCCATAGACGAAT | 1557 |
| FRI_Pu-2-23 | GTATGGACATTACGATCGGTCAATCTAAGCAGCCTCAATTTTTGAAATCCATAGACGAAT | 1560 |
| FRI_NFA-10 | GTATGGACATTACGATCGGTCAATCTAAGCAGCCTCAATTTTTGAAATCCATAGACGAAT | 1559 |
| FRI_Cvi-0 | GTATGGACATTACGATCGGTCAATCTAAGCAGCCTCAATTTTTGAAATCCATAGACGAAT | 1560 |
| FRI_Zdr-6 | GTATGGACATTACGATCGGTCAATCTAAGCAGCCTCAATTTTTGAAATCCATAGACGAAT | 1560 |

Start codon in Ren-1

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| FRI_An-1 | TAGCTGCGTTTTTCAGTTGCAGTGGAACATTCAAACGCCAATTCGATGATCTTCAGAAGC | 1617 |
| FRI_Pro-0 | TAGCTGCGTTTTTCAGTTGCAGTGGAACATTCAAATGCCAATTCGATGATCTTCAGAAGC | 1619 |
| FRI_Bål-2 | TAGCTGCGTTTTTCAGTTGCAGTGGAACATTCAAACGCCAATTCGATGATCTTCAGAAGC | 1617 |
| FRI_St-0 | TAGCTGCGTTTTTCAGTTGCAGTGGAACATTCAAACGCCAATTCGATGATCTTCAGAAGC | 1546 |
| FRI_Bg-2 | TAGCTGCGTTTTTCAGTTGCAGTGGAACATTCAAACGCCAATTCGATGATCTTCAGAAGC | 1615 |
| FRI_C24 | TAGCTGCGTTTTTCAGTTGCAGTGGAACATTCAAACGCCAATTCGATGATCTTCAGAAGC | 1615 |
| FRI_Van-0 | TAGCTGCGTTTTTCAGTTGCAGTGGAACATTCAAACGCCAATTCGATGATCTTCAGAAGC | 1615 |
| FRI_U11-2-3 | TAGCTGCGTTTTTCAGTTGCAGTGGAACATTCAAATGCCAATTCGATGATCTTCAGAAGC | 1618 |

FRI_Lip-0 TAGCTGCGTTTTTCAGTTGCAGTGGAAACATTCAAACGCCAATTCGATGATCTTCAGAAGC 1618
FRI_NFA-8 TAGCTGCGTTTTTCAGTTGCAGTGGAAACATTCAAACGCCAATTCGATGATCTTCAGAAGC 1617
FRI_Edi-0 TAGCTGCGTTTTTCAGTTGCAGTGGAAACATTCAAACGCCAATTCGATGATCTTCAGAAGC 1617
FRI_Ren-1 TAGCTGCGTTTTTCAGTTGCAGTGGAAACATTCAAACGCCAATTCGATGATCTTCAGAAGC 1246
FRI_Nok-3 TAGCTGCGTTTTTCAGTTGCAGTGGAAACATTCAAACGCCAATTCGATGATCTTCAGAAGC 1617
FRI_Sha TAGCTGCGTTTTTCAGTTGCAGTGGAAACATTCAAACGCCAATTCGATGATCTTCAGAAGC 1617
FRI_Wa-1 TAGCTGCGTTTTTCAGTTGCAGTGGAAACATTCAAATGCCAATTCGATGATCTTCAGAAGC 1617
FRI_Spr-1-6 TAGCTGCGTTTTTCAGTTGCAGTGGAAACATTCAAATGCCAATTCGATGATCTTCAGAAGC 1617
FRI_Bil-7 TAGCTGCGTTTTTCAGTTGCAGTGGAAACATTCAAACGCCAATTCGATGATCTTCAGAAGC 1617
FRI_Alc-0 TAGCTGCGTTTTTCAGTTGCAGTGGAAATATTCAAACGCCAATTCGATGATCTTCAGAAGC 1617
FRI_Pu-2-23 TAGCTGCGTTTTTCAGTTGCAGTGGAAACATTCAAACGCCAATTCGATGATCTTCAGAAGC 1620
FRI_NFA-10 TAGCTGCGTTTTTCAGTTGCAGTGGAAACATTCAAATGCCAATTCGATGATCTTCAGAAGC 1619
FRI_Cvi-0 TAGCTGCGTTTTTCAGTTGCAGTGGAAACATTCAAATGCCAATTCGATGATCTTCAGAAGC 1620
FRI_Zdr-6 TAGCTGCGTTTTTCAGTTGCAGTGGAAACATTCAAATGCCAATTCGATGATCTTCAGAAGC 1620

FRI_An-1 ACATCGAGTCAATCGAAAACGCAATTGATTCCAAACCTCGAGAGTAACGGCGTTGTCTCCTCG 1677
FRI_Pro-0 ACATCGAGTCAATCGAAAACGCAATTGATTCCAAACCTCGAGAGTAACGGCGTTGTCTCCTCG 1679
FRI_Bâ1-2 ACATCGAGTCAATCGAAAACGCAATTGATTCCAAACCTCGAGAGTAACGGCGTTGTCTCCTCG 1677
FRI_St-0 ACATCGAGTCAATCGAAAACGCAATTGATTCCAAACCTCGAGAGTAACGGCGTTGTCTCCTCG 1606
FRI_Bg-2 ACATCGAGTCAATCGAAAACGCAATTGATTCCAAACCTCGAGAGTAACGGCGTTGTCTCCTCG 1675
FRI_C24 ACATCGAGTCAATCGAAAACGCAATTGATTCCAAACCTCGAGAGTAACGGCGTTGTCTCCTCG 1675
FRI_Van-0 ACATCGAGTCAATCGAAAACGCAATTGATTCCAAACCTCGAGAGTAACGGCGTTGTCTCCTCG 1675
FRI_U11-2-3 ACATCGAGTCAATCGAAAACGCAATTGATTCCAAACCTCGAGAGTAACGGCGTTGTCTCCTCG 1678
FRI_Lip-0 ACATCGAGTCAATCGAAAACGCAATTGATTCCAAACCTCGAGAGTAACGGCGTTGTCTCCTCG 1678
FRI_NFA-8 ACATCGAGTCAATCGAAAACGCAATTGATTCCAAACCTCGAGAGTAACGGCGTTGTCTCCTCG 1677
FRI_Edi-0 ACATCGAGTCAATCGAAAACGCAATTGATTCCAAACCTCGAGAGTAACGGCGTTGTCTCCTCG 1677
FRI_Ren-1 ACATCGAGTCAATCGAAAACGCAATTGATTCCAAACCTCGAGAGTAACGGCGTTGTCTCCTCG 1306
FRI_Nok-3 ACATCGAGTCAATCGAAAACGCAATTGATTCCAAACCTCGAGAGTAACGGCGTTGTCTCCTCG 1677
FRI_Sha ACATCGAGTCAATCGAAAACGCAATTGATTCCAAACCTCGAGAGTAACGGCGTTGTCTCCTCG 1677
FRI_Wa-1 ACATCGAGTCAATCGAAAACGCAATTGATTCCAAACCTCGAGAGTAACGGCGTTGTCTCCTCG 1677
FRI_Spr-1-6 ACATCGAGTCAATCGAAAACGCAATTGATTCCAAACCTCGAGAGTAACGGCGTTGTCTCCTCG 1677
FRI_Bil-7 ACATCGAGTCAATCGAAAACGCAATTGATTCCAAACCTCGAGAGTAACGGCGTTGTCTCCTCG 1677
FRI_Alc-0 ACATCGAGTCAATCGAAAACGCAATTGATTCCAAACCTCGAGAGTAACGGCGTTGTCTCCTCG 1677
FRI_Pu-2-23 ACATCGAGTCAATCGAAAACGCAATTGATTCCAAACCTCGAGAGTAACGGCGTTGTCTCCTCG 1680
FRI_NFA-10 ACATCGAGTCAATCGAAAACGCAATTGATTCCAAACCTCGAGAGTAACGGCGTTGTCTCCTCG 1679
FRI_Cvi-0 ACATCGAGTCAATCGAAAACGCAATTGATTCCAAACCTCGAGAGTAACGGCGTTGTCTCCTCG 1680
FRI_Zdr-6 ACATCGAGTCAATCGAAAACGCAATTGATTCCAAACCTCGAGAGTAACGGCGTTGTCTCCTCG 1680

FRI_An-1 CCGCGCGGAACAATAATTTCCATCAGCCGATGTTATCGCCTCCGCGGAACAATGTATCTG 1737
FRI_Pro-0 CCGCGCGGAACAATAATTTCCATCAGCCGATGTTATCGCCTCCGCGGAACAATGTATCTG 1739
FRI_Bâ1-2 CCGCGCGGAACAATAATTTCCATCAGCCGATGTTATCGCCTCCGCGGAACAATGTATCTG 1737
FRI_St-0 CCGCGCGGAACAATAATTTCCATCAGCCGATGTTATCGCCTCCGCGGAACAATGTATCTG 1666
FRI_Bg-2 CCGCGCGGAACAATAATTTCCATCAGCCGATGTTATCGCCTCCGCGGAACAATGTATCTG 1735
FRI_C24 CCGCGCGGAACAATAATTTCCATCAGCCGATGTTATCGCCTCCGCGGAACAATGTATCTG 1735
FRI_Van-0 CCGCGCGGAACAATAATTTCCATCAGCCGATGTTATCGCCTCCGCGGAACAATGTATCTG 1735
FRI_U11-2-3 CCGCGCGGAACAATAATTTCCATCAGCCGATGTTATCGCCTCCGCGGAACAATGTATCTG 1738
FRI_Lip-0 CCGCGCGGAACAATAATTTCCATCAGCCGATGTTATCGCCTCCGCGGAACAATGTATCTG 1738
FRI_NFA-8 CCGCGCGGAACAATAATTTCCATCAGCCGATGTTATCGCCTCCGCGGAACAATGTATCTG 1737
FRI_Edi-0 CCGCGCGGAACAATAATTTCCATCAGCCGATGTTATCGCCTCCGCGGAACAATGTATCTG 1737
FRI_Ren-1 CCGCGCGGAACAATAATTTCCATCAGCCGATGTTATCGCCTCCGCGGAACAATGTATCTG 1366
FRI_Nok-3 CCGCGCGGAACAATAATTTCCATCAGCCGATGTTATCGCCTCCGCGGAACAATGTATCTG 1737
FRI_Sha CCGCGCGGAACAATAATTTCCATCAGCCGATGTTATCGCCTCCGCGGAACAATGTATCTG 1737
FRI_Wa-1 CCGCGCGGAACAATAATTTCCATCAGCCGATGTTATCGCCTCCGCGGAACAATGTATCTG 1737
FRI_Spr-1-6 CCGCGCGGAACAATAATTTCCATCAGCCGATGTTATCGCCTCCGCGGAACAATGTATCTG 1737
FRI_Bil-7 CCGCGCGGAACAATAATTTCCATCAGCCGATGTTATCGCCTCCGCGGAACAATGTATCTG 1737
FRI_Alc-0 CCGCGCGGAACAATAATTTCCATCAGCCGATGTTATCGCCTCCGCGGAACAATGTATCTG 1737
FRI_Pu-2-23 CCGCGCGGAACAATAATTTCCATCAGCCGATGTTATCGCCTCCGCGGAACAATGTATCTG 1740
FRI_NFA-10 CCGCGCGGAACAATAATTTCCATCAGCCGATGTTATCGCCTCCGCGGAACAATGTATCTG 1739
FRI_Cvi-0 CCGCGCGGAACAATAATTTCCATCAGCCGATGTTATCGCCTCCGCGGAACAATGTATCTG 1740
FRI_Zdr-6 CCGCGCGGAACAATAATTTCCATCAGCCGATGTTATCGCCTCCGCGGAACAATGTATCTG 1740

FRI_An-1 TAGAAACCACCGTCACTGTGAGCCAACCGTCTCAGGAGATTGTACCGGAGACGTGGAATA 1797
FRI_Pro-0 TAGAAACCACCGTCACTGTGAGCCAACCGTCTCAGGAGATTGTACCGGAGACGTGGAATA 1799
FRI_Bâ1-2 TAGAAACCACCGTCACTGTGAGCCAACCGTCTCAGGAGATTGTACCGGAGACGTGGAATA 1797
FRI_St-0 TAGAAACCACCGTCACTGTGAGCCAACCGTCTCAGGAGATTGTACCGGAGACGTGGAATA 1726
FRI_Bg-2 TAGAAACCACCGTCACTGTGAGCCAACCGTCTCAGGAGATTGTACCGGAGACGTGGAATA 1795
FRI_C24 TAGAAACCACCGTCACTGTGAGCCAACCGTCTCAGGAGATTGTACCGGAGACGTGGAATA 1795
FRI_Van-0 TAGAAACCACCGTCACTGTGAGCCAACCGTCTCAGGAGATTGTACCGGAGACGTGGAATA 1795

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| FRI_U11-2-3 | TAGAAACCACCGTCACTGTGAGCCAACCGTCTCAGGAGATTGTACCGGAGACGTCGAATA | 1798 |
| FRI_Lip-0 | TAGAAACCACCGTCACTGTGAGCCAACCGTCTCAGGAGATTGTACCGGAGACGTCGAATA | 1798 |
| FRI_NFA-8 | TAGAAACCACCGTCACTGTGAGCCAACCGTCTCAGGAGATTGTACCGGAGACGTCGAATA | 1797 |
| FRI_Edi-0 | TAGAAACCACCGTCACTGTGAGCCAACCGTCTCAGGAGATTGTACCGGAGACGTCGAATA | 1797 |
| FRI_Ren-1 | TAGAAACCACCGTCACTGTGAGCCAACCGTCTCAGGAGATTGTACCGGAGACGTCGAATA | 1426 |
| FRI_Nok-3 | TAGAAACCACCGTCACTGTGAGCCAACCGTCTCAGGAGATTGTACCGGAGACGTCGAATA | 1797 |
| FRI_Sha | TAGAAACCACCGTCACTGTGAGCCAACCGTCTCAGGAGATTGTACCGGAGACGTCGAATA | 1797 |
| FRI_Wa-1 | TAGAAACCACCGTCACTGTGAGCCAACCGTCTCAGGAGATTGTACCGGAGACGTCGAATA | 1797 |
| FRI_Spr-1-6 | TAGAAACCACCGTCACTGTGAGCCAACCGTCTCAGGAGATTGTACCGGAGACGTCGAATA | 1797 |
| FRI_Bil-7 | TAGAAACCACCGTCACTGTGAGCCAACCGTCTCAGGAGATTGTACCGGAGACGTCGAATA | 1797 |
| FRI_Alc-0 | TAGAAACCACCGTCACTGTGAGCCAACCGTCTCAGGAGATTGTACCGGAGACGTCGAATA | 1797 |
| FRI_Pu-2-23 | TAGAAACCACCGTCACTGTGAGCCAACCGTCTCAGGAGATTGTACCGGAGACGTCGAATA | 1800 |
| FRI_NFA-10 | TAGAAACCACCGTCACTGTGAGCCAACCGTCTCAGGAGATTGTACCGGAGACGTCGAATA | 1799 |
| FRI_Cvi-0 | TAGAAACCACCGTCACTGTGAGCCAACCGTCTCAGGAGATTGTACCGGAGACGTCGAATA | 1800 |
| FRI_Zdr-6 | TAGAAACCACCGTCACTGTGAGCCAACCGTCTCAGGAGATTGTACCGGAGACGTCGAATA | 1800 |

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| FRI_An-1 | AACCGGAGGGGGACGTATGTGTGAGTTGATGTGTAGCAAAGGTCGCGTAAATACATAT | 1857 |
| FRI_Pro-0 | AACCGGAGGGGGACGTATGTGTGAGTTGATGTGTAGCAAAGGTCGCGTAAATACATAT | 1859 |
| FRI_Bâ1-2 | AACCGGAGGGGGACGTATGTGTGAGTTGATGTGTAGCAAAGGTCGCGTAAATACATAT | 1857 |
| FRI_St-0 | AACCGGAGGGGGAACGTATGTGTGAGTTGATGTGTAGCAAAGGTCGCGTAAATACATAT | 1786 |
| FRI_Bg-2 | AACCGGAGGGGGAACGTATATGTGTGAGTTGATGTGTAGCAAAGGTCGCGTAAATACATAT | 1855 |
| FRI_C24 | AACCGGAGGGGGAACGTATGTGTGAGTTGATGTGTAGCAAAGGTCGCGTAAATACATAT | 1855 |
| FRI_Van-0 | AACCGGAGGGGGACGTATGTGTGAGTTGATGTGTAGCAAAGGTCGCGTAAATACATAT | 1855 |
| FRI_U11-2-3 | AACCGGAGGGGGACGTATGTGTGAGTTGATGTGTAGCAAAGGTCGCGTAAATACATAT | 1858 |
| FRI_Lip-0 | AACCGGAGGGGGACGTATGTGTGAGTTGATGTGTAGCAAAGGTCGCGTAAATACATAT | 1858 |
| FRI_NFA-8 | AACCGGAGGGGGAACGTATGTGTGAGTTGATGTGTAGCAAAGGTCGCGTAAATACATAT | 1857 |
| FRI_Edi-0 | AACCGGAGGGGGAACGTATATGTGTGAGTTGATGTGTAGCAAAGGTCGCGTAAATACATAT | 1857 |
| FRI_Ren-1 | AACCGGAGGGGGAACGTATGTGTGAGTTGATGTGTAGCAAAGGTCGCGTAAATACATAT | 1486 |
| FRI_Nok-3 | AACCGGAGGGGGAACGTATGTGTGAGTTGATGTGTAGCAAAGGTCGCGTAAATACATAT | 1857 |
| FRI_Sha | AACCGGAGGGGGACGTATGTGTGAGTTGATGTGTAGCAAAGGTCGCGTAAATACATAT | 1857 |
| FRI_Wa-1 | AACCGGAGGGGGACGTATGTGTGAGTTGATGTGTAGCAAAGGTCGCGTAAATACATAT | 1857 |
| FRI_Spr-1-6 | AACCGGAGGGGGACGTATGTGTGAGTTGATGTGTAGCAAAGGTCGCGTAAATACATAT | 1857 |
| FRI_Bil-7 | AACCGGAGGGGGACGTATGTGTGAGTTGATGTGTAGCAAAGGTCGCGTAAATACATAT | 1857 |
| FRI_Alc-0 | AACCGGAGGGGGACGTATGTGTGAGTTGATGTGTAGCAAAGGTCGCGTAAATACATAT | 1857 |
| FRI_Pu-2-23 | AACCGGAGGGGGACGTATGTGTGAGTTGATGTGTAGCAAAGGTCGCGTAAATACATAT | 1860 |
| FRI_NFA-10 | AACCGGAGGGGGACGTATGTGTGAGTTGATGTGTAGCAAAGGTCGCGTAAATACATAT | 1859 |
| FRI_Cvi-0 | AACCGGAGGGGGACGTATGTGTGAGTTGATGTGTAGCAAAGGTCGCGTAAATACATAT | 1860 |
| FRI_Zdr-6 | AACCGGAGGGGGACGTATGTGTGAGTTGATGTGTAGCAAAGGTCGCGTAAATACATAT | 1860 |

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| FRI_An-1 | ACGCGAATATCTCTGATCAAGCTAAGTTAATGGAAGAGATTCCTTCAGCTTTGAAATTGG | 1917 |
| FRI_Pro-0 | ACGCGAATATCTCTGAACAAGCTAAGTTAATGGAAGAGATTCCTTCAGCTTTGAAATTGG | 1919 |
| FRI_Bâ1-2 | ACGCGAATATCTCTGATCAAGCTAAGTTAATGGAAGAGATTCCTTCAGCTTTGAAATTGG | 1917 |
| FRI_St-0 | ACGCGAATATCTCTGATCAAGCTAAGTTAATGGAAGAGATTCCTTCAGCTTTGAAATTGG | 1846 |
| FRI_Bg-2 | ACGCGAATATCTCTGATCAAGCTAAGTTAATGGAAGAGATTCCTTCAGCTTTGAAATTGG | 1915 |
| FRI_C24 | ACGCGAATATCTCTGATCAAGCTAAGTTAATGGAAGAGATTCCTTCAGCTTTGAAATTGG | 1915 |
| FRI_Van-0 | ACGCGAATATCTCTGATCAAGCTAAGTTAATGGAAGAGATTCCTTCAGCTTTGAAATTGG | 1915 |
| FRI_U11-2-3 | ACGCGAATATCTCTGAACAAGCTAAGTTAATGGAAGAGATTCCTTCAGCTTTGAAATTGG | 1918 |
| FRI_Lip-0 | ACGCGAATATCTCTGAACAAGCTAAGTTAATGGAAGAGATTCCTTCAGCTTTGAAATTGG | 1918 |
| FRI_NFA-8 | ACGCGAATATCTCTGATCAAGCTAAGTTAATGGAAGAGATTCCTTCAGCTTTGAAATTGG | 1917 |
| FRI_Edi-0 | ACGCGAATATCTCTGATCAAGCTAAGTTAATGGAAGAGATTCCTTCAGCTTTGAAATTGG | 1917 |
| FRI_Ren-1 | ACGCGAATATCTCTGATCAAGCTAAGTTAATGGAAGAGATTCCTTCAGCTTTGAAATTGG | 1546 |
| FRI_Nok-3 | ACGCGAATATCTCTGATCAAGCTAAGTTAATGGAAGAGATTCCTTCAGCTTTGAAATTGG | 1917 |
| FRI_Sha | ACGCGAATATCTCTGATCAAGCTAAGTTAATGGAAGAGATTCCTTCAGCTTTGAAATTGG | 1917 |
| FRI_Wa-1 | ACGCGAATATCTCTGAACAAGCTAAGTTAATGGAAGAGATTCCTTCAGCTTTGAAATTGG | 1917 |
| FRI_Spr-1-6 | ACGCGAATATCTCTGAACAAGCTAAGTTAATGGAAGAGATTCCTTCAGCTTTGAAATTGG | 1917 |
| FRI_Bil-7 | ACGCGAATATCTCTGATCAAGCTAAGTTAATGGAAGAGATTCCTTCAGCTTTGAAATTGG | 1917 |
| FRI_Alc-0 | AGTCGAATATCTCTGATCAAGCTAAGTTAATGGAAGAGATTCCTTCAGCTTTGAAATTGG | 1917 |
| FRI_Pu-2-23 | ACGCGAATATCTCTGATCAAGCTAAGTTAATGGAAGAGATTCCTTCAGCTTTGAAATTGG | 1920 |
| FRI_NFA-10 | ACGCGAATATCTCTGAACAAGCTAAGTTAATGGAAGAGATTCCTTCAGCTTTGAAATTGG | 1919 |
| FRI_Cvi-0 | ACGCGAATATCTCTGAACAAGCTAAGTTAATGGAAGAGATTCCTTCAGCTTTGAAATTGG | 1920 |
| FRI_Zdr-6 | ACGCGAATATCTCTGAACAAGCTAAGTTAATGGAAGAGATTCCTTCAGCTTTGAAATTGG | 1920 |

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| FRI_An-1 | CCAAGGAGCCAGCGAAGTTTGTATTGGATTGTATTGGCAAGTTTACTTACAAGGGCGTA | 1977 |
| FRI_Pro-0 | CCAAGGAGCCAGCGAAGTTTGTATTGGATTGTATTGGCAAGTTTACTTACAAGGGCGTA | 1979 |
| FRI_Bâ1-2 | CCAAGGAGCCAGCGAAGTTTGTATTGGATTGTATTGGCAAGTTTACTTACAAGGGCGTA | 1977 |
| FRI_St-0 | CCAAGGAGCCAGCGAAGTTTGTATTGGATTGTATTGGCAAGTTTACTTACAAGGGCGTA | 1906 |
| FRI_Bg-2 | CCAAGGAGCCAGCGAAGTTTGTATTGGATTGTATTGGCAAGTTTACTTACAAGGGCGTA | 1975 |
| FRI_C24 | CCAAGGAGCCAGCGAAGTTTGTATTGGATTGTATTGGCAAGTTTACTTACAAGGGCGTA | 1975 |

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| FRI_Van-0 | CCAAGGAGCCAGCGAAGTTTGTATTGGATTGTATTGGCAAGTTTTACTTACAAGGGCGTA | 1975 |
| FRI_Ull-2-3 | CCAAGGAGCCAGCGAAGTTTGTATTGGATTGTATTGGCAAGTTTTACTTACAAGGGCGTA | 1978 |
| FRI_Lip-0 | CCAAGGAGCCAGCGAAGTTTGTATTGGATTGTATTGGCAAGTTTTACTTACAAGGGCGTA | 1978 |
| FRI_NFA-8 | CCAAGGAGCCAGCGAAGTTTGTATTGGATTGTATTGGCAAGTTTTACTTACAAGGGCGTA | 1977 |
| FRI_Edi-0 | CCAAGGAGCCAGCGAAGTTTGTATTGGATTGTATTGGCAAGTTTTACTTACAAGGGCGTA | 1977 |
| FRI_Ren-1 | CCAAGGAGCCAGCGAAGTTTGTATTGGATTGTATTGGCAAGTTTTACTTACAAGGGCGTA | 1606 |
| FRI_Nok-3 | CCAAGGAGCCAGCGAAGTTTGTATTGGATTGTATTGGCAAGTTTTACTTACAAGGGCGTA | 1977 |
| FRI_Sha | CCAAGGAGCCAGCGAAGTTTGTATTGGATTGTATTGGCAAGTTTTACTTACAAGGGCGTA | 1977 |
| FRI_Wa-1 | CCAAGGAGCCAGCGAAGTTTGTATTGGATTGTATTGGCAAGTTTTACTTACAAGGGCGTA | 1977 |
| FRI_Spr-1-6 | CCAAGGAGCCAGCGAAGTTTGTATTGGATTGTATTGGCAAGTTTTACTTACAAGGGCGTA | 1977 |
| FRI_Bil-7 | CCAAGGAGCCAGCGAAGTTTGTATTGGATTGTATTGGCAAGTTTTACTTACAAGGGCGTA | 1977 |
| FRI_Alc-0 | CCAAGGAGCCAGCGAAGTTTGTATTGGATTGTATTGGCAAGTTTTACTTACAAGGGCGTA | 1977 |
| FRI_Pu-2-23 | CCAAGGAGCCAGCGAAGTTTGTATTGGATTGTATTGGCAAGTTTTACTTACAAGGGCGTA | 1980 |
| FRI_NFA-10 | CCAAGGAGCCAGCGAAGTTTGTATTGGATTGTATTGGCAAGTTTTACTTACAAGGGCGTA | 1979 |
| FRI_Cvi-0 | CCAAGGAGCCAGCGAAGTTTGTATTGGATTGTATTGGCAAGTTTTACTTACAAGGGCGTA | 1980 |
| FRI_Zdr-6 | CCAAGGAGCCAGCGAAGTTTGTATTGGATTGTATTGGCAAGTTTTACTTACAAGGGCGTA | 1980 |

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| FRI_An-1 | GAGCATTTACTAAAGAGTCGCCTATGAGCTCTGCGAGACAAGTTTCGCTTCTTATACTGG | 2037 |
| FRI_Pro-0 | GAGCATTTACTAAAGAGTCGCCTATGAGCTCTGCGAGACAAGTTTCGCTTCTTATACTGG | 2039 |
| FRI_Bål-2 | GAGCATTTACTAAAGAGTCGCCTATGAGCTCTGCGAGACAAGTTTCGCTTCTTATACTGG | 2037 |
| FRI_St-0 | GAGCATTTACTAAAGAGTCGCCTATGAGCTCTGCGAGACAAGTTTCGCTTCTTATACTGG | 1966 |
| FRI_Bg-2 | GAGCATTTACTAAAGAGTCGCCTATGAGCTCTGCGAGACAAGTTTCGCTTCTTATACTGG | 2035 |
| FRI_C24 | GAGCATTTACTAAAGAGTCGCCTATGAGCTCTGCGAGACAAGTTTCGCTTCTTATACTGG | 2035 |
| FRI_Van-0 | GAGCATTTACTAAAGAGTCGCCTATGAGCTCTGCGAGACAAGTTTCGCTTCTTATACTGG | 2035 |
| FRI_Ull-2-3 | GAGCATTTACTAAAGAGTCGCCTATGAGCTCTGCGAGACAAGTTTCGCTTCTTATACTGG | 2038 |
| FRI_Lip-0 | GAGCATTTACTAAAGAGTCGCCTATGAGCTCTGCGAGACAAGTTTCGCTTCTTATACTGG | 2038 |
| FRI_NFA-8 | GAGCATTTACTAAAGAGTCGCCTATGAGCTCTGCGAGACAAGTTTCGCTTCTTATACTGG | 2037 |
| FRI_Edi-0 | GAGCATTTACTAAAGAGTCGCCTATGAGCTCTGCGAGACAAGTTTCGCTTCTTATACTGG | 2037 |
| FRI_Ren-1 | GAGCATTTACTAAAGAGTCGCCTATGAGCTCTGCGAGACAAGTTTCGCTTCTTATACTGG | 1666 |
| FRI_Nok-3 | GAGCATTTACTAAAGAGTCGCCTATGAGCTCTGCGAGACAAGTTTCGCTTCTTATACTGG | 2037 |
| FRI_Sha | GAGCATTTACTAAAGAGTCGCCTATGAGCTCTGCGAGACAAGTTTCGCTTCTTATACTGG | 2037 |
| FRI_Wa-1 | GAGCATTTACTAAAGAGTCGCCTATGAGCTCTGCGAGACAAGTTTCGCTTCTTATACTGG | 2037 |
| FRI_Spr-1-6 | GAGCATTTACTAAAGAGTCGCCTATGAGCTCTGCGAGACAAGTTTCGCTTCTTATACTGG | 2037 |
| FRI_Bil-7 | GAGCATTTACTAAAGAGTCGCCTATGAGCTCTGCGAGACAAGTTTCGCTTCTTATACTGG | 2037 |
| FRI_Alc-0 | GAGCATTTACTAAAGAGTCGCCTATGAGCTCTGCGAGACAAGTTTCGCTTCTTATACTGG | 2037 |
| FRI_Pu-2-23 | GAGCATTTACTAAAGAGTCGCCTATGAGCTCTGCGAGACAAGTTTCGCTTCTTATACTGG | 2040 |
| FRI_NFA-10 | GAGCATTTACTAAAGAGTCGCCTATGAGCTCTGCGAGACAAGTTTCGCTTCTTATACTGG | 2039 |
| FRI_Cvi-0 | GAGCATTTACTAAAGAGTCGCCTATGAGCTCTGCGAGACAAGTTTCGCTTCTTATACTGG | 2040 |
| FRI_Zdr-6 | GAGCATTTACTAAAGAGTCGCCTATGAGCTCTGCGAGACAAGTTTCGCTTCTTATACTGG | 2040 |

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| FRI_An-1 | AGTCTTTTCTTCTAATGCCTGATCGTGGTAAAGGGAAGGTGAAGATTGAGAGTTGGATTA | 2097 |
| FRI_Pro-0 | AGTCTTTTCTTCTAATGCCTGATCGTGGTAAAGGGAAGGTGAAGATTGAGAGTTGGATTA | 2099 |
| FRI_Bål-2 | AGTCTTTTCTTCTAATGCCTGATCGTGGTAAAGGGAAGGTGAAGATTGAGAGTTGGATTA | 2097 |
| FRI_St-0 | AGTCTTTTCTTCTAATGCCTGATCGTGGTAAAGGGAAGGTGAAGATTGAGAGTTGGATTA | 2026 |
| FRI_Bg-2 | AGTCTTTTCTTCTAATGCCTGATCGTGGTAAAGGGAAGGTGAAGATTGAGAGTTGGATTA | 2095 |
| FRI_C24 | AGTCTTTTCTTCTAATGCCTGATCGTGGTAAAGGGAAGGTGAAGATTGAGAGTTGGATTA | 2095 |
| FRI_Van-0 | AGTCTTTTCTTCTAATGCCTGATCGTGGTAAAGGGAAGGTGAAGATTGAGAGTTGGATTA | 2095 |
| FRI_Ull-2-3 | AGTCTTTTCTTCTAATGCCTGATCGTGGTAAAGGGAAGGTGAAGATTGAGAGTTGGATTA | 2098 |
| FRI_Lip-0 | AGTCTTTTCTTCTAATGCCTGATCGTGGTAAAGGGAAGGTGAAGATTGAGAGTTGGATTA | 2098 |
| FRI_NFA-8 | AGTCTTTTCTTCTAATGCCTGATCGTGGTAAAGGGAAGGTGAAGATTGAGAGTTGGATTA | 2097 |
| FRI_Edi-0 | AGTCTTTTCTTCTAATGCCTGATCGTGGTAAAGGGAAGGTGAAGATTGAGAGTTGGATTA | 2097 |
| FRI_Ren-1 | AGTCTTTTCTTCTAATGCCTGATCGTGGTAAAGGGAAGGTGAAGATTGAGAGTTGGATTA | 1726 |
| FRI_Nok-3 | AGTCTTTTCTTCTAATGCCTGATCGTGGTAAAGGGAAGGTGAAGATTGAGAGTTGGATTA | 2097 |
| FRI_Sha | AGTCTTTTCTTCTAATGCCTGATCGTGGTAAAGGGAAGGTGAAGATTGAGAGTTGGATTA | 2097 |
| FRI_Wa-1 | AGTCTTTTCTTCTAATGCCTGATCGTGGTAAAGGGAAGGTGAAGATTGAGAGTTGGATTA | 2097 |
| FRI_Spr-1-6 | AGTCTTTTCTTCTAATGCCTGATCGTGGTAAAGGGAAGGTGAAGATTGAGAGTTGGATTA | 2097 |
| FRI_Bil-7 | AGTCTTTTCTTCTAATGCCTGATCGTGGTAAAGGGAAGGTGAAGATTGAGAGTTGGATTA | 2097 |
| FRI_Alc-0 | AGTCTTTTCTTCTAATGCCTGATCGTGGTAAAGGGAAGGTGAAGATTGAGAGTTGGATTA | 2097 |
| FRI_Pu-2-23 | AGTCTTTTCTTCTAATGCCTGATCGTGGTAAAGGGAAGGTGAAGATTGAGAGTTGGATTA | 2100 |
| FRI_NFA-10 | AGTCTTTTCTTCTAATGCCTGATCGTGGTAAAGGGAAGGTGAAGATTGAGAGTTGGATTA | 2099 |
| FRI_Cvi-0 | AGTCTTTTCTTCTAATGCCTGATCGTGGTAAAGGGAAGGTGAAGATTGAGAGTTGGATTA | 2100 |
| FRI_Zdr-6 | AGTCTTTTCTTCTAATGCCTGATCGTGGTAAAGGGAAGGTGAAGATTGAGAGTTGGATTA | 2100 |

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| FRI_An-1 | AAGATGAGGCGGAGACGGCTGCTGTTGCTTGGAGGAAAAGGTTGATGACTGAAGGAGGAT | 2157 |
| FRI_Pro-0 | AAGATGAGGCGGAGACGGCTGCTGTTGCTTGGAGGAAAAGGTTGATGACTGAAGGAGGAT | 2159 |
| FRI_Bål-2 | AAGATGAGGCGGAGACGGCTGCTGTTGCTTGGAGGAAAAGGTTGATGACTGAAGGAGGAT | 2157 |
| FRI_St-0 | AAGATGAGGCGGAGACGGCTGCTGTTGCTTGGAGGAAAAGGTTGATGACTGAAGGAGGAT | 2086 |
| FRI_Bg-2 | AAGATGAGGCGGAGACGGCTGCTGTTGCTTGGAGGAAAAGGTTGATGACTGAAGGAGGAT | 2155 |

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| FRI_C24 | AAGATGAGGCGGAGACGGCTGCTGTTGCTTGGAGGAAAAGGTTGATGACTGAAGGAGGAT | 2155 |
| FRI_Van-0 | AAGATGAGGCGGAGACGGCTGCTGTTGCTTGGAGGAAAAGGTTGATGACTGAAGGAGGAT | 2155 |
| FRI_Ull-2-3 | AAGATGAGGCGGAGACGGCTGCTGTTGCTTGGAGGAAAAGGTTGATGACTGAAGGAGGAT | 2158 |
| FRI_Lip-0 | AAGATGAGGCGGAGACGGCTGCTGTTGCTTGGAGGAAAAGGTTGATGACTGAAGGAGGAT | 2158 |
| FRI_NFA-8 | AAGATGAGGCGGAGACGGCTGCTGTTGCTTGGAGGAAAAGGTTGATGACTGAAGGAGGAT | 2157 |
| FRI_Edi-0 | AAGATGAGGCGGAGACGGCTGCTGTTGCTTGGAGGAAAAGGTTGATGACTGAAGGAGGAT | 2157 |
| FRI_Ren-1 | AAGATGAGGCGGAGACGGCTGCTGTTGCTTGGAGGAAAAGGTTGATGACTGAAGGAGGAT | 1786 |
| FRI_Nok-3 | AAGATGAGGCGGAGACGGCTGCTGTTGCTTGGAGGAAAAGGTTGATGACTGAAGGAGGAT | 2157 |
| FRI_Sha | AAGATGAGGCGGAGACGGCTGCTGTTGCTTGGAGGAAAAGGTTGATGACTGAAGGAGGAT | 2157 |
| FRI_Wa-1 | AAGATGAGGCGGAGACGGCTGCTGTTGCTTGGAGGAAAAGGTTGATGACTGAAGGAGGAT | 2157 |
| FRI_Spr-1-6 | AAGATGAGGCGGAGACGGCTGCTGTTGCTTGGAGGAAAAGGTTGATGACTGAAGGAGGAT | 2157 |
| FRI_Bil-7 | AAGATGAGGCGGAGACGGCTGCTGTTGCTTGGAGGAAAAGGTTGATGACTGAAGGAGGAT | 2157 |
| FRI_Alc-0 | AAGATGAGGCGGAGACGGCTGCTGTTGCTTGGAGGAAAAGGTTGATGACTGAAGGAGGAT | 2157 |
| FRI_Pu-2-23 | AAGATGAGGCGGAGACGGCTGCTGTTGCTTGGAGGAAAAGGTTGATGACTGAAGGAGGAT | 2160 |
| FRI_NFA-10 | AAGATGAGGCGGAGACGGCTGCTGTTGCTTGGAGGAAAAGGTTGATGACTGAAGGAGGAT | 2159 |
| FRI_Cvi-0 | AAGATGAGGCGGAGACGGCTGCTGTTGCTTGGAGGAAAAGGTTGATGACTGAAGGAGGAT | 2160 |
| FRI_Zdr-6 | AAGATGAGGCGGAGACGGCTGCTGTTGCTTGGAGGAAAAGGTTGATGACTGAAGGAGGAT | 2160 |

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| FRI_An-1 | TAGCTGCGGCTGAGAAAATGGATGCAAGGGGTTTGCTTTTACTAGTTGCTGTTTTGGTG | 2217 |
| FRI_Pro-0 | TAGCTGCGGCTGAGAAAATGGATGCAAGGGGTTTGCTTTTACTAGTTGCTGTTTTGGTG | 2219 |
| FRI_Bâl-2 | TAGCTGCGGCTGAGAAAATGGATGCAAGGGGTTTGCTTTTACGAGTTGCTGTTTTGGTG | 2217 |
| FRI_St-0 | TAGCTGCGGCTGAGAAAATGGATGCAAGGGGTTTGCTTTTACTAGTTGCTGTTTTGGTG | 2146 |
| FRI_Bg-2 | TAGCTGCGGCTGAGAAAATGGATGCAAGGGGTTTGCTTTTACTAGTTGCTGTTTTGGTG | 2215 |
| FRI_C24 | TAGCTGCGGCTGAGAAAATGGATGCAAGGGGTTTGCTTTTACTAGTTGCTGTTTTGGTG | 2215 |
| FRI_Van-0 | TAGCTGCGGCTGAGAAAATGGATGCAAGGGGTTTGCTTTTACTAGTTGCTGTTTTGGTG | 2215 |
| FRI_Ull-2-3 | TAGCTGCGGCTGAGAAAATGGATGCAAGGGGTTTGCTTTTACTAGTTGCTGTTTTGGTG | 2218 |
| FRI_Lip-0 | TAGCTGCGGCTGAGAAAATGGATGCAAGGGGTTTGCTTTTACTAGTTGCTGTTTTGGTG | 2217 |
| FRI_NFA-8 | TAGCTGCGGCTGAGAAAATGGATGCAAGGGGTTTGCTTTTACTAGTTGCTGTTTTGGTG | 2217 |
| FRI_Edi-0 | TAGCTGCGGCTGAGAAAATGGATGCAAGGGGTTTGCTTTTACTAGTTGCTGTTTTGGTG | 2217 |
| FRI_Ren-1 | TAGCTGCGGCTGAGAAAATGGATGCAAGGGGTTTGCTTTTACTAGTTGCTGTTTTGGTG | 1846 |
| FRI_Nok-3 | TAGCTGCGGCTGAGAAAATGGATGCAAGGGGTTTGCTTTTACTAGTTGCTGTTTTGGTG | 2217 |
| FRI_Sha | TAGCTGCGGCTGAGAAAATGGATGCAAGGGGTTTGCTTTTACTAGTTGCTGTTTTGGTG | 2217 |
| FRI_Wa-1 | TAGCTGCGGCTGAGAAAATGGATGCAAGGGGTTTGCTTTTACTAGTTGCTGTTTTGGTG | 2217 |
| FRI_Spr-1-6 | TAGCTGCGGCTGAGAAAATGGATGCAAGGGGTTTGCTTTTACTAGTTGCTGTTTTGGTG | 2217 |
| FRI_Bil-7 | TAGCTGCGGCTGAGAAAATGGATGCAAGGGGTTTGCTTTTACTAGTTGCTGTTTTGGTG | 2217 |
| FRI_Alc-0 | TAGCTGCGGCTGAGAAAATGGATGCAAGGGGTTTGCTTTTACTAGTTGCTGTTTTGGTG | 2217 |
| FRI_Pu-2-23 | TAGCTGCGGCTGAGAAAATGGATGCAAGGGGTTTGCTTTTACTAGTTGCTGTTTTGGTG | 2220 |
| FRI_NFA-10 | TAGCTGCGGCTGAGAAAATGGATGCAAGGGGTTTGCTTTTACTAGTTGCTGTTTTGGTG | 2219 |
| FRI_Cvi-0 | TAGCTGCGGCTGAGAAAATGGATGCAAGGGGTTTGCTTTTACTAGTTGCTGTTTTGGTG | 2220 |
| FRI_Zdr-6 | TAGCTGCGGCTGAGAAAATGGATGCAAGGGGTTTGCTTTTACTAGTTGCTGTTTTGGTG | 2220 |

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| FRI_An-1 | TTCTTCAAACCTTTAGGAGTACAGATTTGCTGGAT-TTGATAAGGATGAGTGGTTCGAAT | 2276 |
| FRI_Pro-0 | TTCTTCAAACCTTTAGGAGTACAGATTTGCTGGAT-TTGATAAGGATGAGTGGTTCGAAT | 2278 |
| FRI_Bâl-2 | TTCTTCAAACCTTTAGGAGTACAGATTTGCTGGAT-TTGATAAGGATGAGTGGTTCGAAT | 2276 |
| FRI_St-0 | TTCTTCAAACCTTTAGGAGTACAGATTTGCTGGAT-TTGATAAGGATGAGTGGTTCGAAT | 2205 |
| FRI_Bg-2 | TTCTTCAAACCTTTAGGAGTACAGATTTGCTGGAT-TTGATAAGGATGAGTGGTTCGAAT | 2274 |
| FRI_C24 | TTCTTCAAACCTTTAGGAGTACAGATTTGCTGGAT-TTGATAAGGATGAGTGGTTCGAAT | 2274 |
| FRI_Van-0 | TTCTTCAAACCTTTAGGAGTACAGATTTGCTGGAT-TTGATAAGGATGAGTGGTTCGAAT | 2274 |
| FRI_Ull-2-3 | TTCTTCAAACCTTTAGGAGTACAGATTTGCTGGAT-TTGATAAGGATGAGTGGTTCGAAT | 2277 |
| FRI_Lip-0 | TTCTTCAAACCTTTAGGAGTACAGATTTGCTGGAT-TTGATAAGGATGAGTGGTTCGAAT | 2277 |
| FRI_NFA-8 | TTCTTCAAACCTTTAGGAGTACAGATTTGCTGGAT-TTGATAAGGATGAGTGGTTCGAAT | 2277 |
| FRI_Edi-0 | TTCTTCAAACCTTTAGGAGTACAGATTTGCTGGAT-TTGATAAGGATGAGTGGTTCGAAT | 2276 |
| FRI_Ren-1 | TTCTTCAAACCTTTAGGAGTACAGATTTGCTGGAT-TTGATAAGGATGAGTGGTTCGAAT | 1905 |
| FRI_Nok-3 | TTCTTCAAACCTTTAGGAGTACAGATTTGCTGGAT-TTGATAAGGATGAGTGGTTCGAAT | 2276 |
| FRI_Sha | TTCTTCAAACCTTTAGGAGTACAGATTTGCTGGAT-TTGATAAGGATGAGTGGTTCGAAT | 2276 |
| FRI_Wa-1 | TTCTTCAAACCTTTAGGAGTACAGATTTGCTGGAT-TTGATAAGGATGAGTGGTTCGAAT | 2276 |
| FRI_Spr-1-6 | TTCTTCAAACCTTTAGGAGTACAGATTTGCTGGAT-TTGATAAGGATGAGTGGTTCGAAT | 2276 |
| FRI_Bil-7 | TTCTTCAAACCTTTAGGAGTACAGATTTGCTGGAT-TTGATAAGGATGAGTGGTTCGAAT | 2276 |
| FRI_Alc-0 | TTCTTCAAACCTTTAGGAGTACAGATTTGCTGGAT-TTGATAAGGATGAGTGGTTCGAAT | 2276 |
| FRI_Pu-2-23 | TTCTTCAAACCTTTAGGAGTACAGATTTGCTGGAT-TTGATAAGGATGAGTGGTTCGAAT | 2279 |
| FRI_NFA-10 | TTCTTCAAACCTTTAGGAGTACAGATTTGCTGGAT-TTGATAAGGATGAGTGGTTCGAAT | 2278 |
| FRI_Cvi-0 | TTCTTCAAACCTTTAGGAGTACAGATTTGCTGGAT-TTGATAAGGATGAGTGGTTCGAAT | 2279 |
| FRI_Zdr-6 | TTCTTCAAACCTTTAGGAGTACAGATTTGCTGGAT-TTGATAAGGATGAGTGGTTCGAAT | 2279 |

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| FRI_An-1 | GAGATTGCCGGTGCTTTGAAGCGGTACAGTTTCTTGTCCTATGGTCTCAGGTACCATA | 2336 |
| FRI_Pro-0 | GAGATTGCCGGTGCTTTGAAGCGGTACAGTTTCTTGTCCTATGGTCTCAGGTACCATA | 2338 |
| FRI_Bâl-2 | GGGATTGCCGGTGCTTTGAAGCGGTACAGTTTCTTGTCCTATGGTCTCAGGTACCATA | 2336 |
| FRI_St-0 | GAGATTGCCGGTGCTTTGAAGCGGTACAGTTTCTTGTCCTATGGTCTCAGGTACCATA | 2265 |

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| FRI_Bg-2 | GAGATTGCCGGTGCTTTGAAGCGGTACACAGTTTCTTGTCCTATGGTCTCAGGTACCATA | 2334 |
| FRI_C24 | GAGATTGCCGGTGCTTTGAAGCGGTACACAGTTTCTTGTCCTATGGTCTCAGGTACCATA | 2334 |
| FRI_Van-0 | GAGATTGCCGGTGCTTTGAAGCGGTACACAGTTTCTTGTCCTATGGTCTCAGGTACCATA | 2334 |
| FRI_Ull-2-3 | GAGATTGCCGGTGCTTTGAAGCGGTACACAGTTTCTTGTCCTATGGTCTCAGGTACCATA | 2337 |
| FRI_Lip-0 | GAGATTGCCGGTGCTTTGAAGCGGTACACAGTTTCTTGTCCTATGGTCTCAGGTACCATA | 2337 |
| FRI_NFA-8 | GAGATTGCCGGTGCTTTGAAGCGGTACACAGTTTCTTGTCCTATGGTCTCAGGTACCATA | 2337 |
| FRI_Edi-0 | GAGATTGCCGGTGCTTTGAAGCGGTACACAGTTTCTTGTCCTATGGTCTCAGGTACCATA | 2336 |
| FRI_Ren-1 | GAGATTGCCGGTGCTTTGAAGCGGTACACAGTTTCTTGTCCTATGGTCTCAGGTACCATA | 1965 |
| FRI_Nok-3 | GAGATTGCCGGTGCTTTGAAGCGGTACACAGTTTCTTGTCCTATGGTCTCAGGTACCATA | 2336 |
| FRI_Sha | GAGATTGCCGGTGCTTTGAAGCGGTACACAGTTTCTTGTCCTATGGTCTCAGGTACCATA | 2336 |
| FRI_Wa-1 | GAGATTGCCGGTGCTTTGAAGCGGTACACAGTTTCTTGTCCTATGGTCTCAGGTACCATA | 2336 |
| FRI_Spr-1-6 | GAGATTGCCGGTGCTTTGAAGCGGTACACAGTTTCTTGTCCTATGGTCTCAGGTACCATA | 2336 |
| FRI_Bil-7 | GAGATTGCCGGTGCTTTGAAGCGGTACACAGTTTCTTGTCCTATGGTCTCAGGTACCATA | 2336 |
| FRI_Alc-0 | GAGATTGCCGGTGCTTTGAAGCGGTACACAGTTTCTTGTCCTATGGTCTCAGGTACCATA | 2336 |
| FRI_Pu-2-23 | GAGATTGCCGGTGCTTTGAAGCGGTACACAGTTTCTTGTCCTATGGTCTCAGGTACCATA | 2339 |
| FRI_NFA-10 | GAGATTGCCGGTGCTTTGAAGCGGTACACAGTTTCTTGTCCTATGGTCTCAGGTACCATA | 2338 |
| FRI_Cvi-0 | GAGATTGCCGGTGCTTTGAAGCGGTACACAGTTTCTTGTCCTATGGTCTCAGGTACCATA | 2339 |
| FRI_Zdr-6 | GAGATTGCCGGTGCTTTGAAGCGGTACACAGTTTCTTGTCCTATGGTCTCAGGTACCATA | 2339 |
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| FRI_An-1 | TTCTGTCTCACTCGGTGAATTTTCATTGCAAAGGTGGTTCCTTTTGTGACATCATCGAC | 2396 |
| FRI_Pro-0 | TTCTGTCTCACTCGGTGAATTTTCATTGCAAAGGTGGTTCCTTTTGTGACATCATCGAC | 2398 |
| FRI_Bâ1-2 | TTCTGTCTCACTCGGTGAATTTTCATTGCAAAGGTGGTTCCTTTTGTGACATCATCGAC | 2396 |
| FRI_St-0 | TTCTGTCTCACTCGGTGAATTTTCATTGCAAAGGTGGTTCCTTTTGTGACATCATCGAC | 2325 |
| FRI_Bg-2 | TTCTGTCTCACTCGGTGAATTTTCATTGCAAAGGTGGTTCCTTTTGTGACATCATCGAC | 2393 |
| FRI_C24 | TTCTGTCTCACTCGGTGAATTTTCATTGCAAAGGTGGTTCCTTTTGTGACATCATCGAC | 2394 |
| FRI_Van-0 | TTCTGTCTCACTCGGTGAATTTTCATTGCAAAGGTGGTTCCTTTTGTGACATCATCGAC | 2394 |
| FRI_Ull-2-3 | TTCTGTCTCACTCGGTGAATTTTCATTGCAAAGGTGGTTCCTTTTGTGACATCATCGAC | 2397 |
| FRI_Lip-0 | TTCTGTCTCACTCGGTGAATTTTCATTGCAAAGGTGGTTCCTTTTGTGACATCATCGAC | 2397 |
| FRI_NFA-8 | TTCTGTCTCACTCGGTGAATTTTCATTGCAAAGGTGGTTCCTTTTGTGACATCATCGAC | 2397 |
| FRI_Edi-0 | TTCTGTCTCACTCGGTGAATTTTCATTGCAAAGGTGGTTCCTTTTGTGACATCATCGAC | 2396 |
| FRI_Ren-1 | TTCTGTCTCACTCGGTGAATTTTCATTGCAAAGGTGGTTCCTTTTGTGACATCATCGAC | 2025 |
| FRI_Nok-3 | TTCTGTCTCACTCGGTGAATTTTCATTGCAAAGGTGGTTCCTTTTGTGACATCATCGAC | 2396 |
| FRI_Sha | TTCTGTCTCACTCGGTGAATTTTCATTGCAAAGGTGGTTCCTTTTGTGACATCATCGAC | 2396 |
| FRI_Wa-1 | TTCTGTCTCACTCGGTGAATTTTCATTGCAAAGGTGGTTCCTTTTGTGACATCATCGAC | 2396 |
| FRI_Spr-1-6 | TTCTGTCTCACTCGGTGAATTTTCATTGCAAAGGTGGTTCCTTTTGTGACATCATCGAC | 2396 |
| FRI_Bil-7 | TTCTGTCTCACTCGGTGAATTTTCATTGCAAAGGTGGTTCCTTTTGTGACATCATCGAC | 2396 |
| FRI_Alc-0 | TTCTGTCTCACTCGGTGAATTTTCATTGCAAAGGTGGTTCCTTTTGTGACATCATCGAC | 2396 |
| FRI_Pu-2-23 | TTCTGTCTCACTCGGTGAATTTTCATTGCAAAGGTGGTTCCTTTTGTGACATCATCGAC | 2399 |
| FRI_NFA-10 | TTCTGTCTCACTCGGTGAATTTTCATTGCAAAGGTGGTTCCTTTTGTGACATCATCGAC | 2398 |
| FRI_Cvi-0 | TTCTGTCTCACTCGGTGAATTTTCATTGCAAAGGTGGTTCCTTTTGTGACATCATCGAC | 2399 |
| FRI_Zdr-6 | TTCTGTCTCACTCGGTGAATTTTCATTGCAAAGGTGGTTCCTTTTGTGACATCATCGAC | 2399 |
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| FRI_An-1 | CAACATCAAGTTCATCTTTGTTTTTCGATAAGCTTGATGGTATAAACTAGGAGAGCACA | 2456 |
| FRI_Pro-0 | CAACATCAAGTTCATCTTTGTTTTTCGATAAGCTTGATGGTATAAACTAGGAGAGCACA | 2458 |
| FRI_Bâ1-2 | CAACATCAAGTTCATCTTTGTTTTTCGATAAGCTTGATGGTATAAACTAGGAGAGCACA | 2456 |
| FRI_St-0 | CAACATCAAGTTCATCTTTGTTTTTCGATAAGCTTGATGGTATAAACTAGGAGAGCACA | 2385 |
| FRI_Bg-2 | CAACATCAAGTTCATCTTTGTTTTTCGATAAGCTTGATGGTATAAACTAGGAGAGCACA | 2453 |
| FRI_C24 | CAACATCAAGTTCATCTTTGTTTTTCGATAAGCTTGATGGTATAAACTAGGAGAGCACA | 2454 |
| FRI_Van-0 | CAACATCAAGTTCATCTTTGTTTTTCGATAAGCTTGATGGTATAAACTAGGAGAGCACA | 2454 |
| FRI_Ull-2-3 | CAACATCAAGTTCATCTTTGTTTTTCGATAAGCTTGATGGTATAAACTAGGAGAGCACA | 2457 |
| FRI_Lip-0 | CAACATCAAGTTCATCTTTGTTTTTCGATAAGCTTGATGGTATAAACTAGGAGAGCACA | 2457 |
| FRI_NFA-8 | CAACATCAAGTTCATCTTTGTTTTTCGATAAGCTTGATGGTATAAACTAGGAGAGCACA | 2457 |
| FRI_Edi-0 | CAACATCAAGTTCATCTTTGTTTTTCGATAAGCTTGATGGTATAAACTAGGAGAGCACA | 2456 |
| FRI_Ren-1 | CAACATCAAGTTCATCTTTGTTTTTCGATAAGCTTGATGGTATAAACTAGGAGAGCACA | 2085 |
| FRI_Nok-3 | CAACATCAAGTTCATCTTTGTTTTTCGATAAGCTTGATGGTATAAACTAGGAGAGCACA | 2456 |
| FRI_Sha | CAACATCAAGTTCATCTTTGTTTTTCGATAAGCTTGATGGTATAAACTAGGAGAGCACA | 2456 |
| FRI_Wa-1 | CAACATCAAGTTCATCTTTGTTTTTCGATAAGCTTGATGGTATAAACTAGGAGAGCACA | 2456 |
| FRI_Spr-1-6 | CAACATCAAGTTCATCTTTGTTTTTCGATAAGCTTGATGGTATAAACTAGGAGAGCACA | 2456 |
| FRI_Bil-7 | CAACATCAAGTTCATCTTTGTTTTTCGATAAGCTTGATGGTATAAACTAGGAGAGCACA | 2456 |
| FRI_Alc-0 | CAACATCAAGTTCATCTTTGTTTTTCGATAAGCTTGATGGTATAAACTAGGAGAGCACA | 2456 |
| FRI_Pu-2-23 | CAACATCAAGTTCATCTTTGTTTTTCGATAAGCTTGATGGTATAAACTAGGAGAGCACA | 2459 |
| FRI_NFA-10 | CAACATCAAGTTCATCTTTGTTTTTCGATAAGCTTGATGGTATAAACTAGGAGAGCACA | 2458 |
| FRI_Cvi-0 | CAACATCAAGTTCATCTTTGTTTTTCGATAAGCTTGATGGTATAAACTAGGAGAGCACA | 2459 |
| FRI_Zdr-6 | CAACATCAAGTTCATCTTTGTTTTTCGATAAGCTTGATGGTATAAACTAGGAGAGCACA | 2459 |
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| FRI_An-1 | TCAAATATTTAGAGTGCAATGACTGATTGAGCCAAATCCTAGCTAGAAATTAATCTGGAA | 2516 |
| FRI_Pro-0 | TCAAATATTTAGAGTGCAATGACTGATTGAGCCAAATCCTAGCTAGAAATTAATCTGGAA | 2518 |
| FRI_Bâ1-2 | TCAAATATTTAGAGTGCAATGACTGATTGAGCCAAATCCTAGCTAGAAATTAATCTGGAA | 2516 |

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| FRI_St-0 | TCAAATATTTAGAGTGCAATGACTGATTGAGCCAAATCCTAGCTAGAAATTAATCTGGAA | 2445 |
| FRI_Bg-2 | TCAAATATTTAGAGTGCAATGACTGATTGAGCCAAATCCTAGCTAGAAATTAATCTGGAA | 2513 |
| FRI_C24 | TCAAATATTTAGAGTGCAATGACTGATTGAGCCAAATCCTAGCTAGAAATTAATCTGGAA | 2514 |
| FRI_Van-0 | TCAAATATTTAGAGTGCAATGACTGATTGAGCCAAATCCTAGCTAGAAATTAATCTGGAA | 2514 |
| FRI_Ull-2-3 | TCAAATATTTAGAGTGCAATGACTGATTGAGCCAAATCCTAGCTAGAAATTAATCTGGAA | 2517 |
| FRI_Lip-0 | TCAAATATTTAGAGTGCAATGACTGATTGAGCCAAATCCTAGCTAGAAATTAATCTGGAA | 2517 |
| FRI_NFA-8 | TCAAATATTTAGAGTGCAATGACTGATTGAGCCAAATCCTAGCTAGAAATTAATCTGGAA | 2517 |
| FRI_Edi-0 | TCAAATATTTAGAGTGCAATGACTGATTGAGCCAAATCCTAGCTAGAAATTAATCTGGAA | 2516 |
| FRI_Ren-1 | TCAAATATTTAGAGTGCAATGACTGATTGAGCCAAATCCTAGCTAGAAATTAATCTGGAA | 2145 |
| FRI_Nok-3 | TCAAATATTTAGAGTGCAATGACTGATTGAGCCAAATCCTAGCTAGAAATTAATCTGGAA | 2516 |
| FRI_Sha | TCAAATATTTAGAGTGCAATGACTGATTGAGCCAAATCCTAGCTAGAAATTAATCTGGAA | 2516 |
| FRI_Wa-1 | TCAAATATTTAGAGTGCAATGACTGATTGAGCCAAATCCTAGCTAGAAATTAATCTGGAA | 2516 |
| FRI_Spr-1-6 | TCAAATATTTAGAGTGCAATGACTGATTGAGCCAAATCCTAGCTAGAAATTAATCTGGAA | 2516 |
| FRI_Bil-7 | TCAAATATTTAGAGTGCAATGACTGATTGAGCCAAATCCTAGCTAGAAATTAATCTGGAA | 2516 |
| FRI_Alc-0 | TCAAATATTTAGAGTGCAATGACTGATTGAGCCAAATCCTAGCTAGAAATTAATCTGGAA | 2516 |
| FRI_Pu-2-23 | TCAAATATTTAGAGTGCAATGACTGATTGAGCCAAATCCTAGCTAGAAATTAATCTGGAA | 2519 |
| FRI_NFA-10 | TCAAATATTTAGAGTGCAATGACTGATTGAGCCAAATCCTAGCTAGAAATTAATCTGGAA | 2518 |
| FRI_Cvi-0 | TCAAATATTTAGAGTGCAATGACTGATTGAGCCAAATCCTAGCTAGAAATTAATCTGGAA | 2519 |
| FRI_Zdr-6 | TCAAATATTTAGAGTGCAATGACTGATTGAGCCAAATCCTAGCTAGAAATTAATCTGGAA | 2519 |

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| FRI_An-1 | AGAACTTGGAACTCTCAACCATAGGTTTGGTACGAAATTTGTTGCTTGTCAGAACCAAAT | 2576 |
| FRI_Pro-0 | AGAACTTGGAACTCTCAACCATAGGTTTGGTACGAAATTTGTTGCTTGTCAGAACCAAAT | 2578 |
| FRI_Bâ1-2 | AGAACTTGGAACTCTCAACCATAGGTTTGGTACGAAATTTGTTGCTTGTCAGAACCAAAT | 2576 |
| FRI_St-0 | AGAACTTGGAACTCTCAACCATAGGTTTGGTACGAAATTTGTTGCTTGTCAGAACCAAAT | 2505 |
| FRI_Bg-2 | AGAACTTGGAACTCTCAACCATAGGTTTGGTACGAAATTTGTTGCTTGTCAGAACCAAAT | 2573 |
| FRI_C24 | AGAACTTGGAACTCTCAACCATAGGTTTGGTACGAAATTTGTTGCTTGTCAGAACCAAAT | 2574 |
| FRI_Van-0 | AGAACTTGGAACTCTCAACCATAGGTTTGGTACGAAATTTGTTGCTTGTCAGAACCAAAT | 2574 |
| FRI_Ull-2-3 | AGAACTTGGAACTCTCAACCATAGGTTTGGTACGAAATTTGTTGCTTGTCAGAACCAAAT | 2577 |
| FRI_Lip-0 | AGAACTTGGAACTCTCAACCATAGGTTTGGTACGAAATTTGTTGCTTGTCAGAACCAAAT | 2577 |
| FRI_NFA-8 | AGAACTTGGAACTCTCAACCATAGGTTTGGTACGAAATTTGTTGCTTGTCAGAACCAAAT | 2577 |
| FRI_Edi-0 | AGAACTTGGAACTCTCAACCATAGGTTTGGTACGAAATTTGTTGCTTGTCAGAACCAAAT | 2576 |
| FRI_Ren-1 | AGAACTTGGAACTCTCAACCATAGGTTTGGTACGAAATTTGTTGCTTGTCAGAACCAAAT | 2205 |
| FRI_Nok-3 | AGAACTTGGAACTCTCAACCATAGGTTTGGTACGAAATTTGTTGCTTGTCAGAACCAAAT | 2576 |
| FRI_Sha | AGAACTTGGAACTCTCAACCATAGGTTTGGTACGAAATTTGTTGCTTGTCAGAACCAAAT | 2576 |
| FRI_Wa-1 | AGAACTTGGAACTCTCAACCATAGGTTTGGTACGAAATTTGTTGCTTGTCAGAACCAAAT | 2576 |
| FRI_Spr-1-6 | AGAACTTGGAACTCTCAACCATAGGTTTGGTACGAAATTTGTTGCTTGTCAGAACCAAAT | 2576 |
| FRI_Bil-7 | AGAACTTGGAACTCTCAACCATAGGTTTGGTACGAAATTTGTTGCTTGTCAGAACCAAAT | 2576 |
| FRI_Alc-0 | AGAACTTGGAACTCTCAACCATAGGTTTGGTACGAAATTTGTTGCTTGTCAGAACCAAAT | 2576 |
| FRI_Pu-2-23 | AGAACTTGGAACTCTCAACCATAGGTTTGGTACGAAATTTGTTGCTTGTCAGAACCAAAT | 2579 |
| FRI_NFA-10 | AGAACTTGGAACTCTCAACCATAGGTTTGGTACGAAATTTGTTGCTTGTCAGAACCAAAT | 2578 |
| FRI_Cvi-0 | AGAACTTGGAACTCTCAACCATAGGTTTGGTACGAAATTTGTTGCTTGTCAGAACCAAAT | 2579 |
| FRI_Zdr-6 | AGAACTTGGAACTCTCAACCATAGGTTTGGTACGAAATTTGTTGCTTGTCAGAACCAAAT | 2579 |

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| FRI_An-1 | GATAGGCTATTGCCTTGAAATAGTGTTCCTGTGGTTTCCAATATTGGAAGTTAAAATCA | 2636 |
| FRI_Pro-0 | GATAGGCTATTGCCTTGAAATAGTGTTCCTGTGGTTTCCAATATTGGAAGTTAAAATCA | 2638 |
| FRI_Bâ1-2 | GATAGGCTATTGCCTTGAAATAGTGTTCCTGTGGTTTCCAATATTGGAAGTTAAAATCG | 2636 |
| FRI_St-0 | GATAGGCTATTGCCTTGAAATAGTGTTCCTGTGGTTTCCAATATTGGAAGTTAAAATCA | 2565 |
| FRI_Bg-2 | GATAGGCTATTGCCTTGAAATAGTGTTCCTGTGGTTTCCAATATTGGAAGTTAAAATCA | 2633 |
| FRI_C24 | GATAGGCTATTGCCTTGAAATAGTGTTCCTGTGGTTTCCAATATTGGAAGTTAAAATCA | 2634 |
| FRI_Van-0 | GATAGGCTATTGCCTTGAAATAGTGTTCCTGTGGTTTCCAATATTGGAAGTTAAAATCA | 2634 |
| FRI_Ull-2-3 | GATAGGCTATTGCCTTGAAATAGTGTTCCTGTGGTTTCCAATATTGGAAGTTAAAATCA | 2637 |
| FRI_Lip-0 | GATAGGCTATTGCCTTGAAATAGTGTTCCTGTGGTTTCCAATATTGGAAGTTAAAATCA | 2637 |
| FRI_NFA-8 | GATAGGCTATTGCCTTGAAATAGTGTTCCTGTGGTTTCCAATATTGGAAGTTAAAATCA | 2637 |
| FRI_Edi-0 | GATAGGCTATTGCCTTGAAATAGTGTTCCTGTGGTTTCCAATATTGGAAGTTAAAATCA | 2636 |
| FRI_Ren-1 | GATAGGCTATTGCCTTGAAATAGTGTTCCTGTGGTTTCCAATATTGGAAGTTAAAATCA | 2265 |
| FRI_Nok-3 | GATAGGCTATTGCCTTGAAATAGTGTTCCTGTGGTTTCCAATATTGGAAGTTAAAATCA | 2636 |
| FRI_Sha | GATAGGCTATTGCCTTGAAATAGTGTTCCTGTGGTTTCCAATATTGGAAGTTAAAATCA | 2636 |
| FRI_Wa-1 | GATAGGCTATTGCCTTGAAATAGTGTTCCTGTGGTTTCCAATATTGGAAGTTAAAATCA | 2636 |
| FRI_Spr-1-6 | GATAGGCTATTGCCTTGAAATAGTGTTCCTGTGGTTTCCAATATTGGAAGTTAAAATCA | 2636 |
| FRI_Bil-7 | GATAGGCTATTGCCTTGAAATAGTGTTCCTGTGGTTTCCAATATTGGAAGTTAAAATCG | 2636 |
| FRI_Alc-0 | GATAGGCTATTGCCTTGAAATAGTGTTCCTGTGGTTTCCAATATTGGAAGTTAAAATCG | 2636 |
| FRI_Pu-2-23 | GATAGGCTATTGCCTTGAAATAGTGTTCCTGTGGTTTCCAATATTGGAAGTTAAAATCA | 2639 |
| FRI_NFA-10 | GATAGGCTATTGCCTTGAAATAGTGTTCCTGTGGTTTCCAATATTGGAAGTTAAAATCA | 2638 |
| FRI_Cvi-0 | GATAGGCTATTGCCTTGAAATAGTGTTCCTGTGGTTTCCAATATTGGAAGTTAAAATCA | 2639 |
| FRI_Zdr-6 | GATAGGCTATTGCCTTGAAATAGTGTTCCTGTGGTTTCCAATATTGGAAGTTAAAATCA | 2639 |

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| FRI_An-1 | TATGACTTAGCTGTTGGATACTAATTAAGCTTAAGCAATGCCAECTCTAAGAAGTGGTAC | 2696 |
| FRI_Pro-0 | TATGACTTAGCTGTTGGATACTAATTAAGCTTAAGCAATGCCAECTCTAAGAAGTGGTAC | 2698 |

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| FRI_Bâ1-2 | TATGACTTAGCTGTTGGATACTAATTAAGCTTAAGCAATGCCAACTCTAAGAAGTGGTAC | 2696 |
| FRI_St-0 | TATGACTTAGCTGTTGGATACTAATTAAGCTTAAGCAATGCCAACTCTAAGAAGTGGTAC | 2625 |
| FRI_Bg-2 | TATGACTTAGCTGTTGGATACTAATTAAGCTTAAGCAATGCCAACTCTAAGAAGTGGTAC | 2693 |
| FRI_C24 | TATGACTTAGCTGTTGGATACTAATTAAGCTTAAGCAATGCCAACTCTAAGAAGTGGTAC | 2694 |
| FRI_Van-0 | TATGACTTAGCTGTTGGATACTAATTAAGCTTAAGCAATGCCAACTCTAAGAAGTGGTAC | 2694 |
| FRI_Ull-2-3 | TATGACTTAGCTGTTGGATACTAATTAAGCTTAAGCAATGCCAACTCTAAGAAGTGGTAC | 2697 |
| FRI_Lip-0 | TATGACTTAGCTGTTGGATACTAATTAAGCTTAAGCAATGCCAACTCTAAGAAGTGGTAC | 2697 |
| FRI_NFA-8 | TATGACTTAGCTGTTGGATACTAATTAAGCTTAAGCAATGCCAACTCTAAGAAGTGGTAC | 2697 |
| FRI_Edi-0 | TATGACTTAGCTGTTGGATACTAATTAAGCTTAAGCAATGCCAACTCTAAGAAGTGGTAC | 2696 |
| FRI_Ren-1 | TATGACTTAGCTGTTGGATACTAATTAAGCTTAAGCAATGCCAACTCTAAGAAGTGGTAC | 2325 |
| FRI_Nok-3 | TATGACTTAGCTGTTGGATACTAATTAAGCTTAAGCAATGCCAACTCTAAGAAGTGGTAC | 2696 |
| FRI_Sha | TATGACTTAGCTGTTGGATACTAATTAAGCTTAAGCAATGCCAACTCTAAGAAGTGGTAC | 2696 |
| FRI_Wa-1 | TATGACTTAGCTGTTGGATACTAATTAAGCTTAAGCAATGCCAACTCTAAGAAGTGGTAC | 2696 |
| FRI_Spr-1-6 | TATGACTTAGCTGTTGGATACTAATTAAGCTTAAGCAATGCCAACTCTAAGAAGTGGTAC | 2696 |
| FRI_Bil-7 | TATGACTTAGCTGTTGGATACTAATTAAGCTTAAGCAATGCCAACTCTAAGAAGTGGTAC | 2696 |
| FRI_Alc-0 | TATGACTTAGCTGTTGGATACTAATTAAGCTTAAGCAATGCCAACTCTAAGAAGTGGTAC | 2696 |
| FRI_Pu-2-23 | TATGACTTAGCTGTTGGATACTAATTAAGCTTAAGCAATGCCAACTCTAAGAAGTGGTAC | 2699 |
| FRI_NFA-10 | TATGACTTAGCTGTTGGATACTAATTAAGCTTAAGCAATGCCAACTCTAAGAAGTGGTAC | 2698 |
| FRI_Cvi-0 | TATGACTTAGCTGTTGGATACTAATTAAGCTTAAGCAATGCCAACTCTAAGAAGTGGTAC | 2699 |
| FRI_Zdr-6 | TATGACTTAGCTGTTGGATACTAATTAAGCTTAAGCAATGCCAACTCTAAGAAGTGGTAC | 2699 |

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| FRI_An-1 | TTACACAATATTTCTATTGGTCATAGGTATAGTTGAATCAAGTATCAAGCGTGGAATGCAT | 2756 |
| FRI_Pro-0 | TTACACAATATTTCTATTGGTCATAGGTATAGTTGAATCAAGTATCAAGCGTGGAATGCAT | 2758 |
| FRI_Bâ1-2 | TTACACAATATTTCTATTGGTCATAGGTATAGTTGAATCAAGTATCAAGCGTGGAATGCAT | 2756 |
| FRI_St-0 | TTACACAATATTTCTATTGGTCATAGGTATAGTTGAATCAAGTATCAAGCGTGGAATGCAT | 2685 |
| FRI_Bg-2 | TTACACAATATTTCTATTGGTCATAGGTATAGTTGAATCAAGTATCAAGCGTGGAATGCAT | 2753 |
| FRI_C24 | TTACACAATATTTCTATTGGTCATAGGTATAGTTGAATCAAGTATCAAGCGTGGAATGCAT | 2754 |
| FRI_Van-0 | TTACACAATATTTCTATTGGTCATAGGTATAGTTGAATCAAGTATCAAGCGTGGAATGCAT | 2754 |
| FRI_Ull-2-3 | TTACACAATATTTCTATTGGTCATAGGTATAGTTGAATCAAGTATCAAGCGTGGAATGCAT | 2757 |
| FRI_Lip-0 | TTACACAATATTTCTATTGGTCATAGGTATAGTTGAATCAAGTATCAAGCGTGGAATGCAT | 2757 |
| FRI_NFA-8 | TTACACAATATTTCTATTGGTCATAGGTATAGTTGAATCAAGTATCAAGCGTGGAATGCAT | 2757 |
| FRI_Edi-0 | TTACACAATATTTCTATTGGTCATAGGTATAGTTGAATCAAGTATCAAGCGTGGAATGCAT | 2756 |
| FRI_Ren-1 | TTACACAATATTTCTATTGGTCATAGGTATAGTTGAATCAAGTATCAAGCGTGGAATGCAT | 2385 |
| FRI_Nok-3 | TTACACAATATTTCTATTGGTCATAGGTATAGTTGAATCAAGTATCAAGCGTGGAATGCAT | 2756 |
| FRI_Sha | TTACACAATATTTCTATTGGTCATAGGTATAGTTGAATCAAGTATCAAGCGTGGAATGCAT | 2756 |
| FRI_Wa-1 | TTACACAATATTTCTATTGGTCATAGGTATAGTTGAATCAAGTATCAAGCGTGGAATGCAT | 2756 |
| FRI_Spr-1-6 | TTACACAATATTTCTATTGGTCATAGGTATAGTTGAATCAAGTATCAAGCGTGGAATGCAT | 2756 |
| FRI_Bil-7 | TTACACAATATTTCTATTGGTCATAGGTATAGTTGAATCAAGTATCAAGCGTGGAATGCAT | 2756 |
| FRI_Alc-0 | TTACACAATATTTCTATTGGTCATAGGTATAGTTGAATCAAGTATCAAGCGTGGAATGCAT | 2756 |
| FRI_Pu-2-23 | TTACACAATATTTCTATTGGTCATAGGTATAGTTGAATCAAGTATCAAGCGTGGAATGCAT | 2759 |
| FRI_NFA-10 | TTACACAATATTTCTATTGGTCATAGGTATAGTTGAATCAAGTATCAAGCGTGGAATGCAT | 2758 |
| FRI_Cvi-0 | TTACACAATATTTCTATTGGTCATAGGTATAGTTGAATCAAGTATCAAGCGTGGAATGCAT | 2759 |
| FRI_Zdr-6 | TTACACAATATTTCTATTGGTCATAGGTATAGTTGAATCAAGTATCAAGCGTGGAATGCAT | 2759 |

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| FRI_An-1 | ATTGAAGCTCTTGAGATGGTTTATACCTTTGGCATGGAGGATAAGTTTTTCAGCTGCTCTA | 2816 |
| FRI_Pro-0 | ATTGAAGCTCTTGAGATGGTTTATACCTTTGGCATGGAGGATAAGTTTTTCAGCTGCTCTA | 2818 |
| FRI_Bâ1-2 | ATTGAAGCTCTTGAGATGGTTTATACCTTTGGCATGGAGGATAAGTTTTTCAGCTGCTCTA | 2816 |
| FRI_St-0 | ATTGAAGCTCTTGAAATGGTTTATACCTTTGGCATGGAGGATAAGTTTTTCAGCTGCTCTA | 2745 |
| FRI_Bg-2 | ATTGAAGCTCTTGAAATGGTTTATACCTTTGGCATGGAGGATAAGTTTTTCAGCTGCTCTA | 2813 |
| FRI_C24 | ATTGAAGCTCTTGAAATGGTTTATACCTTTGGCATGGAGGATAAGTTTTTCAGCTGCTCTA | 2814 |
| FRI_Van-0 | ATTGAAGCTCTTGAGATGGTTTATACCTTTGGCATGGAGGATAAGTTTTTCAGCTGCTCTA | 2814 |
| FRI_Ull-2-3 | ATTGAAGCTCTTGAGATGGTTTATACCTTTGGCATGGAGGATAAGTTTTTCAGCTGCTCTA | 2817 |
| FRI_Lip-0 | ATTGAAGCTCTTGAGATGGTTTATACCTTTGGCATGGAGGATAAGTTTTTCAGCTGCTCTA | 2817 |
| FRI_NFA-8 | ATTGAAGCTCTTGAAATGGTTTATACCTTTGGCATGGAGGATAAGTTTTTCAGCTGCTCTA | 2817 |
| FRI_Edi-0 | ATTGAAGCTCTTGAAATGGTTTATACCTTTGGCATGGAGGATAAGTTTTTCAGCTGCTCTA | 2816 |
| FRI_Ren-1 | ATTGAAGCTCTTGAAATGGTTTATACCTTTGGCATGGAGGATAAGTTTTTCAGCTGCTCTA | 2445 |
| FRI_Nok-3 | ATTGAAGCTCTTGAAATGGTTTATACCTTTGGCATGGAGGATAAGTTTTTCAGCTGCTCTA | 2816 |
| FRI_Sha | ATTGAAGCTCTTGAGATGGTTTATACCTTTGGCATGGAGGATAAGTTTTTCAGCTGCTCTA | 2816 |
| FRI_Wa-1 | ATTGAAGCTCTTGAGATGGTTTATACCTTTGGCATGGAGGATAAGTTTTTCAGCTGCTCTA | 2816 |
| FRI_Spr-1-6 | ATTGAAGCTCTTGAGATGGTTTATACCTTTGGCATGGAGGATAAGTTTTTCAGCTGCTCTA | 2816 |
| FRI_Bil-7 | ATTGAAGCTCTTGAGATGGTTTATACCTTTGGCATGGAGGATAAGTTTTTCAGCTGCTCTA | 2816 |
| FRI_Alc-0 | ATTGAAGCTCTTGAGATGGTTTATACCTTTGGCATGGAGGATAAGTTTTTCAGCTGCTCTA | 2816 |
| FRI_Pu-2-23 | ATTGAAGCTCTTGAGATGGTTTATACCTTTGGCATGGAGGATAAGTTTTTCAGCTGCTCTA | 2819 |
| FRI_NFA-10 | ATTGAAGCTCTTGAGATGGTTTATACCTTTGGCATGGAGGATAAGTTTTTCAGCTGCTCTA | 2818 |
| FRI_Cvi-0 | ATTGAAGCTCTTGAGATGGTTTATACCTTTGGCATGGAGGATAAGTTTTTCAGCTGCTCTA | 2819 |
| FRI_Zdr-6 | ATTGAAGCTCTTGAGATGGTTTATACCTTTGGCATGGAGGATAAGTTTTTCAGCTGCTCTA | 2819 |

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| FRI_An-1 | GTTCTAACTTCATTCTTAAAGATGAGCAAGGAGTCATTTGAGAGGGCAAAACGGAAAGCC | 2876 |
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| FRI_Pro-0 | GTTCTAACTTCATTCTTAAAGATGAGCAAGGAGTCATTTGAGAGGGCAAAAACGGAAAGCC | 2878 |
| FRI_Bâ1-2 | GTTCTAACTTCATTCTTAAAGATGAGCAAGGAGTCATTTGAGAGGGCAAAAACGGAAAGCC | 2876 |
| FRI_St-0 | GTTCTAACTTCATTCTTAAAGATGAGCAAGGAGTCATTTGAGAGGGCAAAAACGGAAAGCC | 2805 |
| FRI_Bg-2 | GTTCTAACTTCATTCTTAAAGATGAGCAAGGAGTCAtTTGAGAGGGCAAAAACGGAAAGCC | 2873 |
| FRI_C24 | GTTCTAACTTCATTCTTAAAGATGAGCAAGGAGTCATTTGAGAGGGCAAAAACGGAAAGCC | 2874 |
| FRI_Van-0 | GTTCTAACTTCATTCTTAAAGATGAGCAAGGAGTCATTTGAGAGGGCAAAAACGGAAAGCC | 2874 |
| FRI_Ull-2-3 | GTTCTAACTTCATTCTTAAAGATGAGCAAGGAGTCATTTGAGAGGGCAAAAACGGAAAGCC | 2877 |
| FRI_Lip-0 | GTTCTAACTTCATTCTTAAAGATGAGCAAGGAGTCATTTGAGAGGGCAAAAACGGAAAGCC | 2877 |
| FRI_NFA-8 | GTTCTAACTTCATTCTTAAAGATGAGCAAGGAGTCATTTGAGAGGGCAAAAACGGAAAGCC | 2877 |
| FRI_Edi-0 | GTTCTAACTTCATTCTTAAAGATGAGCAAGGAGTCATTTGAGAGGGCAAAAACGGAAAGCC | 2876 |
| FRI_Ren-1 | GTTCTAACTTCATTCTTAAAGATGAGCAAGGAGTCATTTGAGAGGGCAAAAACGGAAAGCC | 2505 |
| FRI_Nok-3 | GTTCTAACTTCATTCTTAAAGATGAGCAAGGAGTCATTTGAGAGGGCAAAAACGGAAAGCC | 2876 |
| FRI_Sha | GTTCTAACTTCATTCTTAAAGATGAGCAAGGAGTCATTTGAGAGGGCAAAAACGGAAAGCC | 2876 |
| FRI_Wa-1 | GTTCTAACTTCATTCTTAAAGATGAGCAAGGAGTCATTTGAGAGGGCAAAAACGGAAAGCC | 2876 |
| FRI_Spr-1-6 | GTTCTAACTTCATTCTTAAAGATGAGCAAGGAGTCATTTGAGAGGGCAAAAACGGAAAGCC | 2876 |
| FRI_Bil-7 | GTTCTAACTTCATTCTTAAAGATGAGCAAGGAGTCATTTGAGAGGGCAAAAACGGAAAGCC | 2876 |
| FRI_Alc-0 | GTTCTAACTTCATTCTTAAAGATGAGCAAGGAGTCATTTGAGAGGGCAAAAACGGAAAGCC | 2876 |
| FRI_Pu-2-23 | GTTCTAACTTCATTCTTAAAGATGAGCAAGGAAATCATTTGAGAGGGCAAAAACGGAAAGCC | 2879 |
| FRI_NFA-10 | GTTCTAACTTCATTCTTAAAGATGAGCAAGGAGTCATTTGAGAGGGCAAAAACGGAAAGCC | 2878 |
| FRI_Cvi-0 | GTTCTAACTTCATTCTTAAAGATGAGCAAGGAGTCATTTGAGAGGGCAAAAACGGAAAGCC | 2879 |
| FRI_Zdr-6 | GTTCTAACTTCATTCTTAAAGATGAGCAAGGAGTCATTTGAGAGGGCAAAAACGGAAAGCC | 2879 |

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| FRI_An-1 | CAGTCACCGCTGGCATTGTATGAACCCCTCCCTTGACATTATGTACCTTTATGAACTC | 2936 |
| FRI_Pro-0 | CAGTCACCGCTGGCATTGTATGAACCCCTCCCTTGACATTATGTACCTTTATGAACTC | 2938 |
| FRI_Bâ1-2 | CAGTCACCGCTGGCATTGTATGAACCCCTCCCTTGACATTATGTACCTTTATGAACTC | 2936 |
| FRI_St-0 | CAGTCACCGCTGGCATTGTATGAACCCCTCCCTTGACATTATGTACCTTTATGAACTC | 2865 |
| FRI_Bg-2 | CAGTCACCGCTGGCATTGTATGAACCCCTCCCTTGACATTATGTACCTTTATGAACTC | 2933 |
| FRI_C24 | CAGTCACCGCTGGCATTGTATGAACCCCTCCCTTGACATTATGTACCTTTATGAACTC | 2934 |
| FRI_Van-0 | CAGTCACCGCTGGCATTGTATGAACCCCTCCCTTGACATTATGTACCTTTATGAACTC | 2934 |
| FRI_Ull-2-3 | CAGTCACCGCTG---TTGTATGAACCCCTCCCTTGACATTATGTACCTTTATGAACTC | 2933 |
| FRI_Lip-0 | CAGTCACCGCTGGCATTGTATGAACCCCTCCCTTGACATTATGTACCTTTATGAACTC | 2937 |
| FRI_NFA-8 | CAGTCACCGCTGGCATTGTATGAACCCCTCCCTTGACATTATGTACCTTTATGAACTC | 2937 |
| FRI_Edi-0 | CAGTCACCGCTGGCATTGTATGAACCCCTCCCTTGACATTATGTACCTTTATGAACTC | 2936 |
| FRI_Ren-1 | CAGTCACCGCTGGCATTGTATGAACCCCTCCCTTGACATTATGTACCTTTATGAACTC | 2565 |
| FRI_Nok-3 | CAGTCACCGCTGGCATTGTATGAACCCCTCCCTTGACATTATGTACCTTTATGAACTC | 2936 |
| FRI_Sha | CAGTCACCGCTGGCATTGTATGAACCCCTCCCTTGACATTATGTACCTTTATGAACTC | 2936 |
| FRI_Wa-1 | CAGTCACCGCTGGCATTGTATGAACCCCTCCCTTGACATTATGTACCTTTATGAACTC | 2936 |
| FRI_Spr-1-6 | CAGTCACCGCTGGCATTGTATGAACCCCTCCCTTGACATTATGTACCTTTATGAACTC | 2936 |
| FRI_Bil-7 | CAGTCACCGCTGGCATTGTATGAACCCCTCCCTTGACATTATGTACCTTTATGAACTC | 2936 |
| FRI_Alc-0 | CAGTCACCGCTGGCATTGTATGAACCCCTCCCTTGACATTATGTACCTTTATGAACTC | 2936 |
| FRI_Pu-2-23 | CAGTCACCGCTGGCATTGTATGAACCCCTCCCTTGACATTATGTACCTTTATGAACTC | 2939 |
| FRI_NFA-10 | CAGTCACCGCTGGCATTGTATGAACCCCTCCCTTGACATTATGTACCTTTATGAACTC | 2938 |
| FRI_Cvi-0 | CAGTCACCGCTGGCATTGTATGAACCCCTCCCTTGACATTATGTACCTTTATGAACTC | 2939 |
| FRI_Zdr-6 | CAGTCACCGCTGGCATTGTATGAACCCCTCCCTTGACATTATGTACCTTTATGAACTC | 2939 |

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| FRI_An-1 | TTTATCATCATCTGAGTCTGACCATTGATATATTTATTTCTCAACAGAAAGAAGCGGCTA | 2996 |
| FRI_Pro-0 | TTTATCATCATCTGAGTCTGACCATTGATATATTTATTTCTCAACAGAAAGAAGCGGCTA | 2998 |
| FRI_Bâ1-2 | TTTATCATCATCTGAGTCTGACCATTGATATATTTATTTCTCAACAGAAAGAAGCGGCTA | 2996 |
| FRI_St-0 | TTTATCATCATCTGAGTCTGACCATTGATATATTTATTTCTCAACAGAAAGAAGCGGCTA | 2925 |
| FRI_Bg-2 | TTTATCATCATCTGAGTCTGACCATTGATATATTTATTTCTCAACAGAAAGAAGCGGCTA | 2993 |
| FRI_C24 | TTTATCATCATCTGAGTCTGACCATTGATATATTTATTTCTCAACAGAAAGAAGCGGCTA | 2994 |
| FRI_Van-0 | TTTATCATCATCTGAGTCTGACCATTGATATATTTATTTCTCAACAGAAAGAAGCGGCTA | 2994 |
| FRI_Ull-2-3 | TTTATCATCATCTGAGTCTGACCATTGATATATTTATTTCTCAACAGAAAGAAGCGGCTA | 2993 |
| FRI_Lip-0 | TTTATCATCATCTGAGTCTGACCATTGATATATTTATTTCTCAACAGAAAGAAGCGGCTA | 2997 |
| FRI_NFA-8 | TTTATCATCATCTGAGTCTGACCATTGATATATTTATTTCTCAACAGAAAGAAGCGGCTA | 2997 |
| FRI_Edi-0 | TTTATCATCATCTGAGTCTGACCATTGATATATTTATTTCTCAACAGAAAGAAGCGGCTA | 2996 |
| FRI_Ren-1 | TTTATCATCATCTGAGTCTGACCATTGATATATTTATTTCTCAACAGAAAGAAGCGGCTA | 2625 |
| FRI_Nok-3 | TTTATCATCATCTGAGTCTGACCATTGATATATTTATTTCTCAACAGAAAGAAGCGGCTA | 2996 |
| FRI_Sha | TTTATCATCATCTGAGTCTGACCATTGATATATTTATTTCTCAACAGAAAGAAGCGGCTA | 2996 |
| FRI_Wa-1 | TTTATCATCATCTGAGTCTGACCATTGATATATTTATTTCTCAACAGAAAGAAGCGGCTA | 2996 |
| FRI_Spr-1-6 | TTTATCATCATCTGAGTCTGACCATTGATATATTTATTTCTCAACAGAAAGAAGCGGCTA | 2996 |
| FRI_Bil-7 | TTTATCATCATCTGAGTCTGACCATTGATATATTTATTTCTCAACAGAAAGAAGCGGCTA | 2996 |
| FRI_Alc-0 | TTTATCATCATCTGAGTCTGACCATTGATATATTTATTTCTCAACAGAAAGAAGCGGCTA | 2996 |
| FRI_Pu-2-23 | TTTATCATCATCTGAGTCTGACCATTGATATATTTATTTCTCAACAGAAAGAAGCGGCTA | 2999 |
| FRI_NFA-10 | TTTATCATCATCTGAGTCTGACCATTGATATATTTATTTCTCAACAGAAAGAAGCGGCTA | 2998 |
| FRI_Cvi-0 | TTTATCATCATCTGAGTCTGACCATTGATATATTTATTTCTCAACAGAAAGAAGCGGCTA | 2999 |
| FRI_Zdr-6 | TTTATCATCATCTGAGTCTGACCATTGATATATTTATTTCTCAACAGAAAGAAGCGGCTA | 2999 |

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| FRI_An-1 | CAAAGCAGCTAGCTGTGTTATCATCAGTTATGCAGTGTATGGAGACTCACAAAGTTAGATC | 3056 |
| FRI_Pro-0 | CAAAGCAGCTAGCTGTGTTATCATCAGTTATGCAGTGTATGGAGACTCACAAAGTTAGATC | 3058 |
| FRI_Bå1-2 | CAAAGCAGCTAGCTGTGTTATCATCAGTTATGCAGTGTATGGAGACTCACAAAGTTAGATC | 3056 |
| FRI_St-0 | CAAAGCAGCTAGCTGTGTTATCATCAGTTATGCAGTGTATGGAGACTCACAAAGTTAGATC | 2985 |
| FRI_Bg-2 | CAAAGCAGCTAGCTGTGTTATCATCAGTTATGCAGTGTATGGAGACTCACAAAGTTAGATC | 3053 |
| FRI_C24 | CAAAGCAGCTAGCTGTGTTATCATCAGTTATGCAGTGTATGGAGACTCACAAAGTTAGATC | 3054 |
| FRI_Van-0 | CAAAGCAGCTAGCTGTGTTATCATCAGTTATGCAGTGTATGGAGACTCACAAAGTTAGATC | 3054 |
| FRI_Ull-2-3 | CAAAGCAGCTAGCTGTGTTATCATCAGTTATGCAGTGTATGGAGACTCACAAAGTTAGATC | 3053 |
| FRI_Lip-0 | CAAAGCAGCTAGCTGTGTTATCATCAGTTATGCAGTGTATGGAGACTCACAAAGTTAGATC | 3057 |
| FRI_NFA-8 | CAAAGCAGCTAGCTGTGTTATCATCAGTTATGCAGTGTATGGAGACTCACAAAGTTAGATC | 3057 |
| FRI_Edi-0 | CAAAGCAGCTAGCTGTGTTATCATCAGTTATGCAGTGTATGGAGACTCACAAAGTTAGATC | 3056 |
| FRI_Ren-1 | CAAAGCAGCTAGCTGTGTTATCATCAGTTATGCAGTGTATGGAGACTCACAAAGTTAGATC | 2685 |
| FRI_Nok-3 | CAAAGCAGCTAGCTGTGTTATCATCAGTTATGCAGTGTATGGAGACTCACAAAGTTAGATC | 3056 |
| FRI_Sha | CAAAGCAGCTAGCTGTGTTATCATCAGTTATGCAGTGTATGGAGACTCACAAAGTTAGATC | 3056 |
| FRI_Wa-1 | CAAAGCAGCTAGCTGTGTTATCATCAGTTATGCAGTGTATGGAGACTCACAAAGTTAGATC | 3056 |
| FRI_Spr-1-6 | CAAAGCAGCTAGCTGTGTTATCATCAGTTATGCAGTGTATGGAGACTCACAAAGTTAGATC | 3056 |
| FRI_Bil-7 | CAAAGCAGCTAGCTGTGTTATCATCAGTTATGCAGTGTATGGAGACTCACAAAGTTAGATC | 3056 |
| FRI_Alc-0 | CAAAGCAGCTAGCTGTGTTATCATCAGTTATGCAGTGTATGGAGACTCACAAAGTTAGATC | 3056 |
| FRI_Pu-2-23 | CAAAGCAGCTAGCTGTGTTATCATCAGTTATGCAGTGTATGGAGACTCACAAAGTTAGATC | 3059 |
| FRI_NFA-10 | CAAAGCAGCTAGCTGTGTTATCATCAGTTATGCAGTGTATGGAGACTCACAAAGTTAGATC | 3058 |
| FRI_Cvi-0 | CAAAGCAGCTAGCTGTGTTATCATCAGTTATGCAGTGTATGGAGACTCACAAAGTTAGATC | 3059 |
| FRI_Zdr-6 | CAAAGCAGCTAGCTGTGTTATCATCAGTTATGCAGTGTATGGAGACTCACAAAGTTAGATC | 3059 |

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| FRI_An-1 | TTGCTTTCTCTCCATCTCTTTGTCGAGCTGA-----AGAGT---- | 3093 |
| FRI_Pro-0 | TTGCTTTCTCTCCATCTCTTTGTCGAGCTGA-----AGAGT---- | 3095 |
| FRI_Bå1-2 | CTGCGAAAGAAGACTACCAGGATGGCAGATCAAAGAGCAAATTTGTTAGCTTGGAGAAAGACA | 3116 |
| FRI_St-0 | CTGCGAAAGAAGACTACCAGGATGGCAGATCAAAGAGCAAATTTGTTAGCTTGGAGAAAGACA | 3045 |
| FRI_Bg-2 | CTGCGAAAGAAGACTACCAGGATGGCAGATCAAAGAGCAAATTTGTTAGCTTGGAGAAAGACA | 3113 |
| FRI_C24 | CTGCGAAAGAAGACTACCAGGATGGCAGATCAAAGAGCAAATTTGTTAGCTTGGAGAAAGACA | 3114 |
| FRI_Van-0 | CTGCGAAAGAAGACTACCAGGATGGCAGATCAAAGAGCAAATTTGTTAGCTTGGAGAAAGACA | 3114 |
| FRI_Ull-2-3 | CTGCGAAAGAAGACTACCAGGATGGCAGATCAAAGAGCAAATTTGTTAGCTTGGAGAAAGACA | 3113 |
| FRI_Lip-0 | CTGCGAAAGAAGACTACCAGGATGGCAGATCAAAGAGCAAATTTGTTAGCTTGGAGAAAGACA | 3117 |
| FRI_NFA-8 | CTGCGAAAGAAGACTACCAGGATGGCAGATCAAAGAGCAAATTTGTTAGCTTGGAGAAAGACA | 3117 |
| FRI_Edi-0 | CTGCGAAAGAAGACTACCAGGATGGCAGATCAAAGAGCAAATTTGTTAGCTTGGAGAAAGACA | 3116 |
| FRI_Ren-1 | CTGCGAAAGAAGACTACCAGGATGGCAGATCAAAGAGCAAATTTGTTAGCTTGGAGAAAGACA | 2745 |
| FRI_Nok-3 | CTGCGAAAGAAGACTACCAGGATGGCAGATCAAAGAGCAAATTTGTTAGCTTGGAGAAAGACA | 3116 |
| FRI_Sha | CTGCGAAAGAAGACTACCAGGATGGCAGATCAAAGAGCAAATTTGTTAGCTTGGAGAAAGACA | 3116 |
| FRI_Wa-1 | CTGCGAAAGAAGACTACCAGGATGGCAGATCAAAGAGCAAATTTGTTAGCTTGGAGAAAGACA | 3116 |
| FRI_Spr-1-6 | CTGCGAAAGAAGACTACCAGGATGGCAGATCAAAGAGCAAATTTGTTAGCTTGGAGAAAGACA | 3116 |
| FRI_Bil-7 | CTGCGAAAGAAGACTACCAGGATGGCAGATCAAAGAGCAAATTTGTTAGCTTGGAGAAAGACA | 3116 |
| FRI_Alc-0 | CTGCGAAAGAAGACTACCAGGATGGCAGATCAAAGAGCAAATTTGTTAGCTTGGAGAAAGACA | 3116 |
| FRI_Pu-2-23 | CTGCGAAAGAAGACTACCAGGATGGCAGATCAAAGAGCAAATTTGTTAGCTTGGAGAAAGACA | 3119 |
| FRI_NFA-10 | CTGCGAAAGAAGACTACCAGGATGGCAGATCAAAGAGCAAATTTGTTAGCTTGGAGAAAGACA | 3118 |
| FRI_Cvi-0 | cTGCGAAAGAAGACTACCAGGATGGCAGATCAAAGAGCAAATTTGTTAGCTTGGAGAAAGACA | 3119 |
| FRI_Zdr-6 | CTGCGAAAGAAGACTACCAGGATGGCAGATCAAAGAGCAAATTTGTTAGCTTGGAGAAAGACA | 3119 |

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| FRI_An-1 | -----GTCTTTCTCCAAGCTAACAATTTGCTCTCAGTTTAAATGGAGGAAG | 3138 |
| FRI_Pro-0 | -----GTCTTTCTCCAAGCTAACAATTTGCTCTCAGTTTAAATGGAGGAAG | 3140 |
| FRI_Bå1-2 | CTCTTCAGCTCGACAAAGAGATGGAAGAGAAAGCAAGATCTCTCAGTTTAAATGGAGGAAG | 3176 |
| FRI_St-0 | CTCTTCAGCTCGACAAAGAGATGGAAGAGAAAGCAAGATCTCTCAGTTTAAATGGAGGAAG | 3105 |
| FRI_Bg-2 | CTCTTCAGCTCGACAAAGAGATGGAAGAGAAAGCAAGATCTCTCAGTTTAAATGGAGGAAG | 3173 |
| FRI_C24 | CTCTTCAGCTCGACAAAGAGATGGAAGAGAAAGCAAGATCTCTCAGTTTAAATGGAGGAAG | 3174 |
| FRI_Van-0 | CTCTTCAGCTCGACAAAGAGATGGAAGAGAAAGCAAGATCTCTCAGTTTAAATGGAGGAAG | 3174 |
| FRI_Ull-2-3 | CTCTTCAGCTCGACAAAGAGATGGAAGAGAAAGCAAGATCTCTCAGTTTAAATGGAGGAAG | 3173 |
| FRI_Lip-0 | CTCTTCAGCTCGACAAAGAGATGGAAGAGAAAGCAAGATCTCTCAGTTTAAATGGAGGAAG | 3177 |
| FRI_NFA-8 | CTCTTCAGCTCGACAAAGAGATGGAAGAGAAAGCAAGATCTCTCAGTTTAAATGGAGGAAG | 3177 |
| FRI_Edi-0 | CTCTTCAGCTCGACAAAGAGATGGAAGAGAAAGCAAGATCTCTCAGTTTAAATGGAGGAAG | 3176 |
| FRI_Ren-1 | CTCTTCAGCTCGACAAAGAGATGGAAGAGAAAGCAAGATCTCTCAGTTTAAATGGAGGAAG | 2805 |
| FRI_Nok-3 | CTCTTCAGCTCGACAAAGAGATGGAAGAGAAAGCAAGATCTCTCAGTTTAAATGGAGGAAG | 3176 |
| FRI_Sha | CTCTTCAGCTCGACAAAGAGATGGAAGAGAAAGCAAGATCTCTCAGTTTAAATGGAGGAAG | 3176 |
| FRI_Wa-1 | CTCTTCAGCTCGACAAAGAGATGGAAGAGAAAGCAAGATCTCTCAGTTTAAATGGAGGAAG | 3176 |
| FRI_Spr-1-6 | CTCTTCAGCTCGACAAAGAGATGGAAGAGAAAGCAAGATCTCTCAGTTTAAATGGAGGAAG | 3176 |
| FRI_Bil-7 | CTCTTCAGCTCGACAAAGAGATGGAAGAGAAAGCAAGATCTCTCAGTTTAAATGGAGGAAG | 3176 |
| FRI_Alc-0 | CTCTTCAGCTCGACAAAGAGATGGAAGAGAAAGCAAGATCTCTCAGTTTAAATGGAGGAAG | 3176 |
| FRI_Pu-2-23 | CTCTTCAGCTCGACAAAGAGATGGAAGAGAAAGCAAGATCTCTCAGTTTAAATGGAGGAAG | 3179 |
| FRI_NFA-10 | CTCTTCAGCTCGACAAAGAGATGGAAGAGAAAGCAAGATCTCTCAGTTTAAATGGAGGAAG | 3178 |
| FRI_Cvi-0 | CTCTTCAGCTCGACAAAGAGATGGAAGAGAAAGCAAGATCTCTCAGTTTAAATGGAGGAAG | 3179 |
| FRI_Zdr-6 | CTCTTCAGCTCGACAAAGAGATGGAAGAGAAAGCAAGATCTCTCAGTTTAAATGGAGGAAG | 3179 |

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| FRI_An-1 | CCGCACTTGCCAAGAGAATGTATAACCAACAGATAAAAACGTTCCAAGGTTGTCACCCATGG | 3198 |
| FRI_Pro-0 | CCGCACTTGCCAAGAGAATGTATAACCAACAGATAAAAACGTTCCAAGGTTGTCACCCATGG | 3200 |
| FRI_Bâ1-2 | CCGCACTTGCCAAGAGAATGTATAACCAACAGATAAAAACGTTCCAAGGTTGTCACCCATGG | 3236 |
| FRI_St-0 | CCGCACTTGCCAAGAGAATGTATAACCAACAGATAAAAACGTTCCAAGGTTGTCACCCATGG | 3165 |
| FRI_Bg-2 | CCGCACTTGCCAAGAGAATGTATAACCAACAGATAAAAACGTTCCAAGGTTGTCACCCATGG | 3233 |
| FRI_C24 | CCGCACTTGCCAAGAGAATGTATAACCAACAGATAAAAACGTTCCAAGGTTGTCACCCATGG | 3234 |
| FRI_Van-0 | CCGCACTTGCCAAGAGAATGTATAACCAACAGATAAAAACGTTCCAAGGTTGTCACCCATGG | 3234 |
| FRI_U11-2-3 | CCGCACTTGCCAAGAGAATGTATAACCAACAGATAAAAACGTTCCAAGGTTGTCACCCATGG | 3233 |
| FRI_Lip-0 | CTGCACTTGCCAAGAGAATGTATAACCAACAGATAAAAACGTTCCAAGGTTGTCACCCATGG | 3237 |
| FRI_NFA-8 | CCGCACTTGCCAAGAGAATGTATAACCAACAGATAAAAACGTTCCAAGGTTGTCACCCATGG | 3237 |
| FRI_Edi-0 | CCGCACTTGCCAAGAGAATGTATAACCAACAGATAAAAACGTTCCAAGGTTGTCACCCATGG | 3236 |
| FRI_Ren-1 | CCGCACTTGCCAAGAGAATGTATAACCAACAGATAAAAACGTTCCAAGGTTGTCACCCATGG | 2865 |
| FRI_Nok-3 | CCGCACTTGCCAAGAGAATGTATAACCAACAGATAAAAACGTTCCAAGGTTGTCACCCATGG | 3236 |
| FRI_Sha | CCGCACTTGCCAAGAGAATGTATAACCAACAGATAAAAACGTTCCAAGGTTGTCACCCATGG | 3236 |
| FRI_Wa-1 | CCGCACTTGCCAAGAGAATGTATAACCAACAGATAAAAACGTTCCAAGGTTGTCACCCATGG | 3236 |
| FRI_Spr-1-6 | CCGCACTTGCCAAGAGAATGTATAACCAACAGATAAAAACGTTCCAAGGTTGTCACCCATGG | 3236 |
| FRI_Bil-7 | CCGCACTTGCCAAGAGAATGTATAACCAACAGATAAAAACGTTCCAAGGTTGTCACCCATGG | 3236 |
| FRI_Alc-0 | CCGCACTTGCCAAGAGAATGTATAACCAACAGATAAAAACGTTCCAAGGTTGTCACCCATGG | 3236 |
| FRI_Pu-2-23 | CCGCACTTGCCAAGAGAATGTATAACCAACAGATAAAAACGTTCCAAGGTTGTCACCCATGG | 3239 |
| FRI_NFA-10 | CCGCACTTGCCAAGAGAATGTATAACCAACAGATAAAAACGTTCCAAGGTTGTCACCCATGG | 3238 |
| FRI_Cvi-0 | CCGCACTTGCCAAGAGAATGTATAACCAACAGATAAAAACGTTCCAAGGTTGTCACCCATGG | 3239 |
| FRI_Zdr-6 | CCGCACTTGCCAAGAGAATGTATAACCAACAGATAAAAACGTTCCAAGGTTGTCACCCATGG | 3239 |

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| FRI_An-1 | AAATGCCACCAGTAACCTTCTTCATCGTATTCTCCTATCTACCGTGATAGAAGCTTTCCCTA | 3258 |
| FRI_Pro-0 | AAATGCCACCAGTAACCTTCTTCATCGTATTCTCCTATCTACCGTGATAGAAGCTTTCCCTA | 3260 |
| FRI_Bâ1-2 | AAATGCCACCAGTAACCTTCTTCATCGTATTCTCCTATCTACCGTGATAGAAGCTTTCCCTA | 3296 |
| FRI_St-0 | AAATGCCACCAGTAACCTTCTTCATCGTATTCTCCTATCTACCGTGATAGAAGCTTTCCCTA | 3225 |
| FRI_Bg-2 | AAATGCCACCAGTAACCTTCTTCATCGTATTCTCCTATCTACCGTGATAGAAGCTTTCCCTA | 3293 |
| FRI_C24 | AAATGCCACCAGTAACCTTCTTCATCGTATTCTCCTATCTACCGTGATAGAAGCTTTCCCTA | 3294 |
| FRI_Van-0 | AAATGCCACCAGTAACCTTCTTCATCGTATTCTCCTATCTACCGTGATAGAAGCTTTCCCTA | 3294 |
| FRI_U11-2-3 | AAATGCCACCAGTAACCTTCTTCATCGTATTCTCCTATCTACCGTGATAGAAGCTTTCCCTA | 3293 |
| FRI_Lip-0 | AAATGCCACCAGTAACCTTCTTCATCGTATTCTCCTATCTACCGTGATAGAAGCTTTCCCTA | 3297 |
| FRI_NFA-8 | AAATGCCACCAGTAACCTTCTTCATCGTATTCTCCTATCTACCGTGATAGAAGCTTTCCCTA | 3297 |
| FRI_Edi-0 | AAATGCCACCAGTAACCTTCTTCATCGTATTCTCCTATCTACCGTGATAGAAGCTTTCCCTA | 3296 |
| FRI_Ren-1 | AAATGCCACCAGTAACCTTCTTCATCGTATTCTCCTATCTACCGTGATAGAAGCTTTCCCTA | 2925 |
| FRI_Nok-3 | AAATGCCACCAGTAACCTTCTTCATCGTATTCTCCTATCTACCGTGATAGAAGCTTTCCCTA | 3296 |
| FRI_Sha | AAATGCCACCAGTAACCTTCTTCATCGTATTCTCCTATCTACCGTGATAGAAGCTTTCCCTA | 3296 |
| FRI_Wa-1 | AAATGCCACCAGTAACCTTCTTCATCGTATTCTCCTATCTACCGTGATAGAAGCTTTCCCTA | 3296 |
| FRI_Spr-1-6 | AAATGCCACCAGTAACCTTCTTCATCGTATTCTCCTATCTACCGTGATAGAAGCTTTCCCTA | 3296 |
| FRI_Bil-7 | AAATGCCACCAGTAACCTTCTTCATCGTATTCTCCTATCTACCGTGATAGAAGCTTTCCCTA | 3296 |
| FRI_Alc-0 | AAATGCCACCAGTAACCTTCTTCATCGTATTCTCCTATCTACCGTGATAGAAGCTTTCCCTA | 3296 |
| FRI_Pu-2-23 | AAATGCCACCAGTAACCTTCTTCATCGTATTCTCCTATCTACCGTGATAGAAGCTTTCCCTA | 3299 |
| FRI_NFA-10 | AAATGCCACCAGTAACCTTCTTCATCGTATTCTCCTATCTACCGTGATAGAAGCTTTCCCTA | 3298 |
| FRI_Cvi-0 | AAATGCCACCAGTAACCTTCTTCATCGTATTCTCCTATCTACCGTGATAGAAGCTTTCCCTA | 3299 |
| FRI_Zdr-6 | AAATGCCACCAGTAACCTTCTTCATCGTATTCTCCTATCTACCGTGATAGAAGCTTTCCCTA | 3299 |

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| FRI_An-1 | GTCAAAGAGACGATGACCAAGATGAA-ATATCAGCTCTTGTGAGTAGTTACCTCGGCCCG | 3317 |
| FRI_Pro-0 | GTCAAAGAGACGATGACCAAGATGAA-ATATCAGCTCTTGTGAGTAGTTACCTCGGCCCG | 3319 |
| FRI_Bâ1-2 | GTCAAAGAGACGATGACCAAGATGAA-ATATCAGCTCTTGTGAGTAGTTACCTCGGCCCG | 3355 |
| FRI_St-0 | GTCAAAGAGACGATGACCAAGATGAA-ATATCAGCTCTTGTGAGTAGTTACCTCGGCCCG | 3284 |
| FRI_Bg-2 | GTCAAAGAGACGATGACCAAGATGAA-ATATCAGCTCTTGTGAGTAGTTACCTCGGCCCG | 3352 |
| FRI_C24 | GTCAAAGAGACGATGACCAAGATGAA-ATATCAGCTCTTGTGAGTAGTTACCTCGGCCCG | 3353 |
| FRI_Van-0 | GTCAAAGAGACGATGACCAAGATGAA-ATATCAGCTCTTGTGAGTAGTTACCTCGGCCCG | 3353 |
| FRI_U11-2-3 | GTCAAAGAGACGATGACCAAGATGAA-ATATCAGCTCTTGTGAGTAGTTACCTCGGCCCG | 3352 |
| FRI_Lip-0 | GTCAAAGAGACGATGACCAAGATGAA-ATATCAGCTCTTGTGAGTAGTTACCTCGGCCCG | 3356 |
| FRI_NFA-8 | GTCAAAGAGACGATGACCAAGATGAA-ATATCAGCTCTTGTGAGTAGTTACCTCGGCCCG | 3356 |
| FRI_Edi-0 | GTCAAAGAGACGATGACCAAGATGAA-ATATCAGCTCTTGTGAGTAGTTACCTCGGCCCG | 3355 |
| FRI_Ren-1 | GTCAAAGAGACGATGACCAAGATGAA-ATATCAGCTCTTGTGAGTAGTTACCTCGGCCCG | 2984 |
| FRI_Nok-3 | GTCAAAGAGACGATGACCAAGATGAA-ATATCAGCTCTTGTGAGTAGTTACCTCGGCCCG | 3355 |
| FRI_Sha | GTCAAAGAGACGATGACCAAGATGAA-ATATCAGCTCTTGTGAGTAGTTACCTCGGCCCG | 3355 |
| FRI_Wa-1 | GTCAAAGAGACGATGACCAAGATGAA-ATATCAGCTCTTGTGAGTAGTTACCTCGGCCCG | 3355 |
| FRI_Spr-1-6 | GTCAAAGAGACGATGACCAAGATGAA-ATATCAGCTCTTGTGAGTAGTTACCTCGGCCCG | 3355 |
| FRI_Bil-7 | GTCAAAGAGACGATGACCAAGATGAA-ATATCAGCTCTTGTGAGTAGTTACCTCGGCCCG | 3355 |
| FRI_Alc-0 | GTCAAAGAGACGATGACCAAGATGAA-ATATCAGCTCTTGTGAGTAGTTACCTCGGCCCG | 3355 |
| FRI_Pu-2-23 | GTCAAAGAGACGATGACCAAGATGAA-ATATCAGCTCTTGTGAGTAGTTACCTCGGCCCG | 3358 |
| FRI_NFA-10 | GTCAAAGAGACGATGACCAAGATGAA-ATATCAGCTCTTGTGAGTAGTTACCTCGGCCCG | 3358 |
| FRI_Cvi-0 | GTCAAAGAGACGATGACCAAGATGAA-ATATCAGCTCTTGTGAGTAGTTACCTCGGCCCG | 3358 |
| FRI_Zdr-6 | GTCAAAGAGACGATGACCAAGATGAA-ATATCAGCTCTTGTGAGTAGTTACCTCGGCCCG | 3358 |

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| FRI_Zdr-6 | GGTCACGGACATAGACTTCATCGACAGTACTCTCCGTCTTTGGTTACGGACAGAGACAT ***** | 3538 |
| FRI_An-1 | CCACTACAGTACTCTCTCCAATTCATGGACAACAACAGTTACCATATGGTATACAAAGG | 3557 |
| FRI_Pro-0 | CCACTACAGTACTCTCTCCAATTCATGGACAACAACAGTTACCATATGGTATACAAAGG | 3559 |
| FRI_Bâ1-2 | CCACTACAGTACTCTCTCCAATTCATGGACAACAACAGTTACCATATGGTATACAAAGG | 3595 |
| FRI_St-0 | CCACTACAGTACTCTCTCCAATTCATGGACAACAACAGTTACCATATGGTATACAAAGG | 3524 |
| FRI_Bg-2 | CCACTACAGTACTCTCTCCAATTCATGGACAACAACAGTTACCATATGGTATACAAAGG | 3592 |
| FRI_C24 | CCACTACAGTACTCTCTCCAATTCATGGACAACAACAGTTACCATATGGTATACAAAGG | 3593 |
| FRI_Van-0 | CCACTACAGTACTCTCTCCAATTCATGGACAACAACAGTTACCATATGGTATACAAAGG | 3593 |
| FRI_U11-2-3 | CCACTACAGTACTCTCTCCAATTCATGGACAACAACAGTTACCATATGGTATACAAAGG | 3592 |
| FRI_Lip-0 | CCACTACAGTACTCTCTCCAATTCATGGACAACAACAGTTACCATATGGTATACAAAGG | 3596 |
| FRI_NFA-8 | CCACTACAGTACTCTCTCCAATTCATGGACAACAACAGTTACCATATGGTATACAAAGG | 3596 |
| FRI_Edi-0 | CCACTACAGTACTCTCTCCAATTCATGGACAACAACAGTTACCATATGGTATACAAAGG | 3595 |
| FRI_Ren-1 | CCACTACAGTACTCTCTCCAATTCATGGACAACAACAGTTACCATATGGTATACAAAGG | 3224 |
| FRI_Nok-3 | CCACTACAGTACTCTCTCCAATTCATGGACAACAACAGTTACCATATGGTATACAAAGG | 3595 |
| FRI_Sha | CCACTACAGTACTCTCTCCAATTCATGGACAACAACAGTTACCATATGGTATACAAAGG | 3595 |
| FRI_Wa-1 | CCACTACAGTACTCTCTCCAATTCATGGACAACAACAGTTACCATATGGTATACAAAGG | 3595 |
| FRI_Spr-1-6 | CCACTACAGTACTCTCTCCAATTCATGGACAACAACAGTTACCATATGGTATACAAAGG | 3595 |
| FRI_Bil-7 | CCACTACAGTACTCTCTCCAATTCATGGACAACAACAGTTACCATATGGTATACAAAGG | 3595 |
| FRI_Alc-0 | CCACTACAGTACTCTCTCCAATTCATGGACAACAACAGTTACCATATGGTATACAAAGG | 3595 |
| FRI_Pu-2-23 | CCACTACAGTACTCTCTCCAATTCATGGACAACAACAGTTACCATATGGTATACAAAGG | 3598 |
| FRI_NFA-10 | CCACTACAGTACTCTCTCCAATTCATGGACAACAACAGTTACCATATGGTATACAAAGG | 3598 |
| FRI_Cvi-0 | CCACTACAGTACTCTCTCCAATTCATGGACAACAACAGTTACCATATGGTATACAAAGG | 3598 |
| FRI_Zdr-6 | CCACTACAGTACTCTCTCCAATTCATGGACAACAACAGTTACCATATGGTATACAAAGG ***** | 3598 |
| FRI_An-1 | GTTTACAGACATTACCATCTGAAGAAAGATATTTGGGTTTATCCAATCAAAGGTCTCCT | 3617 |
| FRI_Pro-0 | GTTTACAGACATTACCATCTGAAGAAAGATATTTGGGTTTATCCAATCAAAGGTCTCCT | 3619 |
| FRI_Bâ1-2 | GTTTACAGACATTACCATCTGAAGAAAGATATTTGGGTTTATCCAATCAAAGGTCTCCT | 3655 |
| FRI_St-0 | GTTTACAGACATTACCATCTGAAGAAAGATATTTGGGTTTATCCAATCAAAGGTCTCCT | 3584 |
| FRI_Bg-2 | GTTTACAGACATTACCATCTGAAGAAAGATATTTGGGTTTATCCAATCAAAGGTCTCCT | 3652 |
| FRI_C24 | GTTTACAGACATTACCATCTGAAGAAAGATATTTGGGTTTATCCAATCAAAGGTCTCCT | 3653 |
| FRI_Van-0 | GTTTACAGACATTACCATCTGAAGAAAGATATTTGGGTTTATCCAATCAAAGGTCTCCT | 3653 |
| FRI_U11-2-3 | GTTTACAGACATTACCATCTGAAGAAAGATATTTGGGTTTATCCAATCAAAGGTCTCCT | 3652 |
| FRI_Lip-0 | GTTTACAGACATTACCATCTGAAGAAAGATATTTGGGTTTATCCAATCAAAGGTCTCCT | 3656 |
| FRI_NFA-8 | GTTTACAGACATTACCATCTGAAGAAAGATATTTGGGTTTATCCAATCAAAGGTCTCCT | 3656 |
| FRI_Edi-0 | GTTTACAGACATTACCATCTGAAGAAAGATATTTGGGTTTATCCAATCAAAGGTCTCCT | 3655 |
| FRI_Ren-1 | GTTTACAGACATTACCATCTGAAGAAAGATATTTGGGTTTATCCAATCAAAGGTCTCCT | 3284 |
| FRI_Nok-3 | GTTTACAGACATTACCATCTGAAGAAAGATATTTGGGTTTATCCAATCAAAGGTCTCCT | 3655 |
| FRI_Sha | GTTTACAGACATTACCATCTGAAGAAAGATATTTGGGTTTATCCAATCAAAGGTCTCCT | 3655 |
| FRI_Wa-1 | GTTTACAGACATTACCATCTGAAGAAAGATATTTGGGTTTATCCAATCAAAGGTCTCCT | 3655 |
| FRI_Spr-1-6 | GTTTACAGACATTACCATCTGAAGAAAGATATTTGGGTTTATCCAATCAAAGGTCTCCT | 3655 |
| FRI_Bil-7 | GTTTACAGACATTACCATCTGAAGAAAGATATTTGGGTTTATCCAATCAAAGGTCTCCT | 3655 |
| FRI_Alc-0 | GTTTACAGACATTACCATCTGAAGAAAGATATTTGGGTTTATCCAATCAAAGGTCTCCT | 3655 |
| FRI_Pu-2-23 | GTTTACAGACATTACCATCTGAAGAAAGATATTTGGGTTTATCCAATCAAAGGTCTCCT | 3658 |
| FRI_NFA-10 | GTTTACAGACATTACCATCTGAAGAAAGATATTTGGGTTTATCCAATCAAAGGTCTCCT | 3658 |
| FRI_Cvi-0 | GTTTACAGACATTACCATCTGAAGAAAGATATTTGGGTTTATCCAATCAAAGGTCTCCT | 3658 |
| FRI_Zdr-6 | GTTTACAGACATTACCATCTGAAGAAAGATATTTGGGTTTATCCAATCAAAGGTCTCCT ***** | 3658 |
| FRI_An-1 | CGCAGTAACTCATCATTAGACCCCAAATAGGAGGAATGTAATTTGTAACAAGGCTTTTT | 3677 |
| FRI_Pro-0 | CGCAGTAACTCATCATTAGACCCCAAATAGGAGGAATGTAATTTGTAACAAGGCTTTTT | 3679 |
| FRI_Bâ1-2 | CGCAGTAACTCATCATTAGACCCCAAATAGGAGGAATGTAATTTGTAACAAGGCTTTTT | 3715 |
| FRI_St-0 | CGCAGTAACTCATCATTAGACCCCAAATAGGAGGAATGTAATTTGTAACAAGGCTTTTT | 3644 |
| FRI_Bg-2 | CGCAGTAACTCATCATTAGACCCCAAATAGGAGGAATGTAATTTGTAACAAGGCTTTTT | 3712 |
| FRI_C24 | CGCAGTAACTCATCATTAGACCCCAAATAGGAGGAATGTAATTTGTAACAAGGCTTTTT | 3713 |
| FRI_Van-0 | CGCAGTAACTCATCATTAGACCCCAAATAGGAGGAATGTAATTTGTAACAAGGCTTTTT | 3713 |
| FRI_U11-2-3 | CGCAGTAACTCATCATTAGACCCCAAATAGGAGGAATGTAATTTGTAACAAGGCTTTTT | 3712 |
| FRI_Lip-0 | CGCAGTAACTCATCATTAGACCCCAAATAGGAGGAATGTAATTTGTAACAAGGCTTTTT | 3716 |
| FRI_NFA-8 | CGCAGTAACTCATCATTAGACCCCAAATAGGAGGAATGTAATTTGTAACAAGGCTTTTT | 3716 |
| FRI_Edi-0 | CGCAGTAACTCATCATTAGACCCCAAATAGGAGGAATGTAATTTGTAACAAGGCTTTTT | 3715 |
| FRI_Ren-1 | CGCAGTAACTCATCATTAGACCCCAAATAGGAGGAATGTAATTTGTAACAAGGCTTTTT | 3344 |
| FRI_Nok-3 | CGCAGTAACTCATCATTAGACCCCAAATAGGAGGAATGTAATTTGTAACAAGGCTTTTT | 3715 |
| FRI_Sha | CGCAGTAACTCATCATTAGACCCCAAATAGGAGGAATGTAATTTGTAACAAGGCTTTTT | 3715 |
| FRI_Wa-1 | CGCAGTAACTCATCATTAGACCCCAAATAGGAGGAATGTAATTTGTAACAAGGCTTTTT | 3715 |
| FRI_Spr-1-6 | CGCAGTAACTCATCATTAGACCCCAAATAGGAGGAATGTAATTTGTAACAAGGCTTTTT | 3715 |
| FRI_Bil-7 | CGCAGTAACTCATCATTAGACCCCAAATAGGAGGAATGTAATTTGTAACAAGGCTTTTT | 3715 |
| FRI_Alc-0 | CGCAGTAACTCATCATTAGACCCCAAATAGGAGGAATGTAATTTGTAACAAGGCTTTTT | 3715 |
| FRI_Pu-2-23 | CGCAGTAACTCATCATTAGACCCCAAATAGGAGGAATGTAATTTGTAACAAGGCTTTTT | 3718 |
| FRI_NFA-10 | CGCAGTAACTCATCATTAGACCCCAAATAGGAGGAATGTAATTTGTAACAAGGCTTTTT | 3718 |

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| FRI_Cvi-0 | CGCAGTAACTCATCTAGACCCCAATAGGAGGAATGTAAATTTGTAACAAAGCTTTTT | 3718 |
| FRI_Zdr-6 | CGCAGTAACTCATCTAGACCCCAATAGGAGGAATGTAAATTTGTAACAAAGCTTTTT ***** | 3718 |
| FRI_An-1 | GTTTTTGCTTAAGTTAGTCATTTATTTAACTCCCAACAGTCTCAAATTTAATTTAATGT | 3737 |
| FRI_Pro-0 | GTTTTTGCTTAAGTTAGTCATTTATTTAACTCCCAACAGTCTCAAATTTAATTTAATGT | 3739 |
| FRI_Bå1-2 | GTTTTTGCTTAAGTTAGTCATTTATTTAACTCCCAACAGTCTCAAATTTAATTTAATGT | 3775 |
| FRI_St-0 | GTTTTTGCTTAAGTTAGTCATTTATTTAACTCCCAACAGTCTCAAATTTAATTTAATGT | 3704 |
| FRI_Bg-2 | GTTTTTGCTTAAGTTAGTCATTTATTTAACTCCCAACAGTCTCAAATTTAATTTAATGT | 3772 |
| FRI_C24 | GTTTTTGCTTAAGTTAGTCATTTATTTAACTCCCAACAGTCTCAAATTTAATTTAATGT | 3773 |
| FRI_Van-0 | GTTTTTGCTTAAGTTAGTCATTTATTTAACTCCCAACAGTCTCAAATTTAATTTAATGT | 3773 |
| FRI_U11-2-3 | GTTTTTGCTTAAGTTAGTCATTTATTTAACTCCCAACAGTCTCAAATTTAATTTAATGT | 3772 |
| FRI_Lip-0 | GTTTTTGCTTAAGTTAGTCATTTATTTAACTCCCAACAGTCTCAAATTTAATTTAATGT | 3776 |
| FRI_NFA-8 | GTTTTTGCTTAAGTTAGTCATTTATTTAACTCCCAACAGTCTCAAATTTAATTTAATGT | 3776 |
| FRI_Edi-0 | GTTTTTGCTTAAGTTAGTCATTTATTTAACTCCCAACAGTCTCAAATTTAATTTAATGT | 3775 |
| FRI_Ren-1 | GTTTTTGCTTAAGTTAGTCATTTATTTAACTCCCAACAGTCTCAAATTTAATTTAATGT | 3404 |
| FRI_Nok-3 | GTTTTTGCTTAAGTTAGTCATTTATTTAACTCCCAACAGTCTCAAATTTAATTTAATGT | 3775 |
| FRI_Sha | GTTTTTGCTTAAGTTAGTCATTTATTTAACTCCCAACAGTCTCAAATTTAATTTAATGT | 3775 |
| FRI_Wa-1 | GTTTTTGCTTAAGTTAGTCATTTATTTAACTCCCAACAGTCTCAAATTTAATTTAATGT | 3775 |
| FRI_Spr-1-6 | GTTTTTGCTTAAGTTAGTCATTTATTTAACTCCCAACAGTCTCAAATTTAATTTAATGT | 3775 |
| FRI_Bil-7 | GTTTTTGCTTAAGTTAGTCATTTATTTAACTCCCAACAGTCTCAAATTTAATTTAATGT | 3775 |
| FRI_Alc-0 | GTTTTTGCTTAAGTTAGTCATTTATTTAACTCCCAACAGTCTCAAATTTAATTTAATGT | 3775 |
| FRI_Pu-2-23 | GTTTTTGCTTAAGTTAGTCATTTATTTAACTCCCAACAGTCTCAAATTTAATTTAATGT | 3778 |
| FRI_NFA-10 | GTTTTTGCTTAAGTTAGTCATTTATTTAACTCCCAACAGTCTCAAATTTAATTTAATGT | 3778 |
| FRI_Cvi-0 | GTTTTTGCTTAAGTTAGTCATTTATTTAACTCCCAACAGTCTCAAATTTAATTTAATGT | 3778 |
| FRI_Zdr-6 | GTTTTTGCTTAAGTTAGTCATTTATTTAACTCCCAACAGTCTCAAATTTAATTTAATGT ***** | 3778 |
| FRI_An-1 | TTGGGGCTTAAGAATGCAAATTTTTTTGCTCCTGTAATTGACATTTAAGATGCTAATGTT | 3797 |
| FRI_Pro-0 | TTGGGGCTTAAGAATGCAAATTTTTTTGCTCCTGTAATTGACATTTAAGATGCTAATGTT | 3799 |
| FRI_Bå1-2 | TTGGGGCTTAAGAATGCAAATTTTTTTGCTCCTGTAATTGACATTTAAGATGCTAATGTT | 3835 |
| FRI_St-0 | TTGGGGCTTAAGAATGCAAATTTTTTTGCTCCTGTAATTGACATTTAAGATGCTAATGTT | 3764 |
| FRI_Bg-2 | TTGGGGCTTAAGAATGCAAATTTTTTTGCTCCTGTAATTGACATTTAAGATGCTAATGTT | 3832 |
| FRI_C24 | TTGGGGCTTAAGAATGCAAATTTTTTTGCTCCTGTAATTGACATTTAAGATGCTAATGTT | 3833 |
| FRI_Van-0 | TTGGGGCTTAAGAATGCAAATTTTTTTGCTCCTGTAATTGACATTTAAGATGCTAATGTT | 3833 |
| FRI_U11-2-3 | TTGGGGCTTAAGAATGCAAATTTTTTTGCTCCTGTAATTGACATTTAAGATGCTAATGTT | 3832 |
| FRI_Lip-0 | TTGGGGCTTAAGAATGCAAATTTTTTTGCTCCTGTAATTGACATTTAAGATGCTAATGTT | 3836 |
| FRI_NFA-8 | TTGGGGCTTAAGAATGCAAATTTTTTTGCTCCTGTAATTGACATTTAAGATGCTAATGTT | 3836 |
| FRI_Edi-0 | TTGGGGCTTAAGAATGCAAATTTTTTTGCTCCTGTAATTGACATTTAAGATGCTAATGTT | 3835 |
| FRI_Ren-1 | TTGGGGCTTAAGAATGCAAATTTTTTTGCTCCTGTAATTGACATTTAAGATGCTAATGTT | 3464 |
| FRI_Nok-3 | TTGGGGCTTAAGAATGCAAATTTTTTTGCTCCTGTAATTGACATTTAAGATGCTAATGTT | 3835 |
| FRI_Sha | TTGGGGCTTAAGAATGCAAATTTTTTTGCTCCTGTAATTGACATTTAAGATGCTAATGTT | 3835 |
| FRI_Wa-1 | TTGGGGCTTAAGAATGCAAATTTTTTTGCTCCTGTAATTGACATTTAAGATGCTAATGTT | 3835 |
| FRI_Spr-1-6 | TTGGGGCTTAAGAATGCAAATTTTTTTGCTCCTGTAATTGACATTTAAGATGCTAATGTT | 3835 |
| FRI_Bil-7 | TTGGGGCTTAAGAATGCAAATTTTTTTGCTCCTGTAATTGACATTTAAGATGCTAATGTT | 3835 |
| FRI_Alc-0 | TTGGGGCTTAAGAATGCAAATTTTTTTGCTCCTGTAATTGACATTTAAGATGCTAATGTT | 3835 |
| FRI_Pu-2-23 | TTGGGGCTTAAGAATGCAAATTTTTTTGCTCCTGTAATTGACATTTAAGATGCTAATGTT | 3838 |
| FRI_NFA-10 | TTGGGGCTTAAGAATGCAAATTTTTTTGCTCCTGTAATTGACATTTAAGATGCTAATGTT | 3838 |
| FRI_Cvi-0 | TTGGGGCTTAAGAATGCAAATTTTTTTGCTCCTGTAATTGACATTTAAGATGCTAATGTT | 3838 |
| FRI_Zdr-6 | TTGGGGCTTAAGAATGCAAATTTTTTTGCTCCTGTAATTGACATTTAAGATGCTAATGTT ***** | 3838 |
| FRI_An-1 | ATTGCTTCAGAGGTTTTAGTCAACCTCAGATACATCGATATCACTATCTAAATAGACCTC | 3857 |
| FRI_Pro-0 | ATTGCTTCAGAGGTTTTAGTCAACCTCAGATACATCGATATCACTATCTAAATAGACCTC | 3859 |
| FRI_Bå1-2 | ATTGCTTCAGAGGTTTTAGTCAACCTCAGATACATCGATATCACTATCTAAATAGACCTC | 3895 |
| FRI_St-0 | ATTGCTTCAGAGGTTTTAGTCAACCTCAGATACATCGATATCACTATCTAAATAGACCTC | 3824 |
| FRI_Bg-2 | ATTGCTTCAGAGGTTTTAGTCAACCTCAGATACATCGATATCACTATCTAAATAGACCTC | 3892 |
| FRI_C24 | ATTGCTTCAGAGGTTTTAGTCAACCTCAGATACATCGATATCACTATCTAAATAGACCTC | 3893 |
| FRI_Van-0 | ATTGCTTCAGAGGTTTTAGTCAACCTCAGATACATCGATATCACTATCTAAATAGACCTC | 3893 |
| FRI_U11-2-3 | ATTGCTTCAGAGGTTTTAGTCAACCTCAGATACATCGATATCACTATCTAAATAGACCTC | 3892 |
| FRI_Lip-0 | ATTGCTTCAGAGGTTTTAGTCAACCTCAGATACATCGATATCACTATCTAAATAGACCTC | 3896 |
| FRI_NFA-8 | ATTGCTTCAGAGGTTTTAGTCAACCTCAGATACATCGATATCACTATCTAAATAGACCTC | 3896 |
| FRI_Edi-0 | ATTGCTTCAGAGGTTTTAGTCAACCTCAGATACATCGATATCACTATCTAAATAGACCTC | 3895 |
| FRI_Ren-1 | ATTGCTTCAGAGGTTTTAGTCAACCTCAGATACATCGATATCACTATCTAAATAGACCTC | 3524 |
| FRI_Nok-3 | ATTGCTTCAGAGGTTTTAGTCAACCTCAGATACATCGATATCACTATCTAAATAGACCTC | 3895 |
| FRI_Sha | ATTGCTTCAGAGGTTTTAGTCAACCTCAGATACATCGATATCACTATCTAAATAGACCTC | 3895 |
| FRI_Wa-1 | ATTGCTTCAGAGGTTTTAGTCAACCTCAGATACATCGATATCACTATCTAAATAGACCTC | 3895 |
| FRI_Spr-1-6 | ATTGCTTCAGAGGTTTTAGTCAACCTCAGATACATCGATATCACTATCTAAATAGACCTC | 3895 |
| FRI_Bil-7 | ATTGCTTCAGAGGTTTTAGTCAACCTCAGATACATCGATATCACTATCTAAATAGACCTC | 3895 |
| FRI_Alc-0 | ATTGCTTCAGAGGTTTTAGTCAACCTCAGATACATCGATATCACTATCTAAATAGACCTC | 3895 |
| FRI_Pu-2-23 | ATTGCTTCAGAGGTTTTAGTCAACCTCAGATACATCGATATCACTATCTAAATAGACCTC | 3898 |

FRI_NFA-10 ATTGCTTCAGAGGTTTTAGTCAACCTCAGATACATCGATATCACTATCTAAATAGACCTC 3898
FRI_Cvi-0 ATTGCTTCAGAGGTTTTAGTCAACCTCAGATACATCGATATCACTATCTAAATAGACCTC 3898
FRI_Zdr-6 ATTGCTTCAGAGGTTTTAGTCAACCTCAGATACATCGATATCACTATCTAAATAGACCTC 3898
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FRI_An-1 TGGCTCTTGGTCATC-T--GGATTCTCTTCATCTTCTGT-CTCTGTTC----CTTCTTGT 3909
FRI_Pro-0 TGGCTCTTGGTCATC-T--GGATTCTCTTCATCTTCTGT-CTCTGTTC----CTTCTTGT 3911
FRI_Bål-2 CTGGCTCTTGGGTCATCTGGGATTCTCTTCATCCTCTGGTCTCGGTTCTTCTTGGTTCT 3955
FRI_St-0 TG-GCTCTTGGTCATCT--GGATTCTCTTCATCTTCTGT-CTCTGTTCCTTCTTGTCT- 3879
FRI_Bg-2 TG-GCTCTTGGTCATCT--GGATTCTCTTCATCTTCTGT-CTCTGTTCCTTCTTGTCT- 3947
FRI_C24 TG-GCTCTTGGTCATCT--GGATTCTCTTCATCTTCTGT-CTCTGTTCCTTCTTGTCT- 3948
FRI_Van-0 TG-GCTCTTGGTCATCT--GGATTCTCTTCATCTTCTGT-CTCTGTTCCTTCTTGTCT- 3948
FRI_Ull-2-3 TG-GCTCTTGGTCATCT--GGATTCTCTTCATCTTCTGT-CTCTGTTCCTTCTTGTCT- 3947
FRI_Lip-0 TG-GCTCTTGGTCATCT--GGATTCTCTTCATCTTCTGT-CTCTGTTCCTTCTTGTCT- 3951
FRI_NFA-8 TG-GCTCTTGGTCATCT--GGATTCTCTTCATCTTCTGT-CTCTGTTCCTTCTTGTCT- 3951
FRI_Edi-0 TG-GCTCTTGGTCATCT--GGATTCTCTTCATCTTCTGT-CTCTGTTCCTTCTTGTCT- 3950
FRI_Ren-1 TG-GCTCTTGGTCATCT--GGATTCTCTTCATCTTCTGT-CTCTGTTCCTTCTTGTCT- 3579
FRI_Nok-3 TG-GCTCTTGGTCATCT--GGATTCTCTTCATCTTCTGT-CTCTGTTCCTTCTTGTCT- 3950
FRI_Sha TG-GCTCTTGGTCATCT--GGATTCTCTTCATCTTCTGT-CTCTGTTCCTTCTTGTCT- 3950
FRI_Wa-1 TG-GCTCTTGGTCATCT--GGATTCTCTTCATCTTCTGT-CTCTGTTCCTTCTTGTCT- 3950
FRI_Spr-1-6 TG-GCTCTTGGTCATCT--GGATTCTCTTCATCTTCTGT-CTCTGTTCCTTCTTGTCT- 3950
FRI_Bil-7 TG-GCTCTTGGTCATCT--GGATTCTCTTCATCTTCTGT-CTCTGTTCCTTCTTGTCT- 3950
FRI_Alc-0 TG-GCTCTTGGTCATCT--GGATTCTCTTCATCTTCTGT-CTCTGTTCCTTCTTGTCT- 3950
FRI_Pu-2-23 TG-GCTCTTGGTCATCT--GGATTCTCTTCATCTTCTGT-CTCTGTTCCTTCTTGTCT- 3953
FRI_NFA-10 TG-GCTCTTGGTCATCT--GGATTCTCTTCATCTTCTGT-CTCTGTTCCTTCTTGTCT- 3953
FRI_Cvi-0 TG-GCTCTTGGTCATCT--GGATTCTCTTCATCTTCTGT-CTCTGTTCCTTCTTGTCT- 3953
FRI_Zdr-6 TG-GCTCTTGGTCATCT--GGATTCTCTTCATCTTCTGT-CTCTGTTCCTTCTTGTCT- 3953
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FRI_An-1 TCTCGTTGCACTGCTCGAGCAATTGCGGATTCACACCTTGTGCTTACAGTTTCCCATGAC 3969
FRI_Pro-0 TCTCGTTGCACTGCTCGAGCAATTGCGGATTCACACCTTGTGCTTACAGTTTCCCATGAC 3971
FRI_Bål-2 CTGTGCACTGCTCGAGCAATTGCGGATTCACACCTTGTGCTTACAGTTTCCCATGAC 3986
FRI_St-0 CGTTGCACTG---CTCGAGCAATTGCGGATTCACACCTTGTGCTTACAGTTTCCCATGAC 3936
FRI_Bg-2 CGTTGCACTG---CTCGAGCAATTGCGGATTCACACCTTGTGCTTACAGTTTCCCATGAC 4004
FRI_C24 CGTTGCACTG---CTCGAGCAATTGCGGATTCACACCTTGTGCTTACAGTTTCCCATGAC 4005
FRI_Van-0 CGTTGCACTG---CTCGAGCAATTGCGGATTCACACCTTGTGCTTACAGTTTCCCATGAC 4005
FRI_Ull-2-3 CGTTGCACTG---CTCGAGCAATTGCGGATTCACACCTTGTGCTTACAGTTTCCCATGAC 4004
FRI_Lip-0 CGTTGCACTG---CTCGAGCAATTGCGGATTCACACCTTGTGCTTACAGTTTCCCATGAC 4008
FRI_NFA-8 CGTTGCACTG---CTCGAGCAATTGCGGATTCACACCTTGTGCTTACAGTTTCCCATGAC 4008
FRI_Edi-0 CGTTGCACTG---CTCGAGCAATTGCGGATTCACACCTTGTGCTTACAGTTTCCCATGAC 4007
FRI_Ren-1 CGTTGCACTG---CTCGAGCAATTGCGGATTCACACCTTGTGCTTACAGTTTCCCATGAC 3636
FRI_Nok-3 CGTTGCACTG---CTCGAGCAATTGCGGATTCACACCTTGTGCTTACAGTTTCCCATGAC 4007
FRI_Sha CGTTGCACTG---CTCGAGCAATTGCGGATTCACACCTTGTGCTTACAGTTTCCCATGAC 4007
FRI_Wa-1 CGTTGCACTG---CTCGAGCAATTGCGGATTCACACCTTGTGCTTACAGTTTCCCATGAC 4007
FRI_Spr-1-6 CGTTGCACTG---CTCGAGCAATTGCGGATTCACACCTTGTGCTTACAGTTTCCCATGAC 4007
FRI_Bil-7 CGTTGCACTG---CTCGAGCAATTGCGGATTCACACCTTGTGCTTACAGTTTCCCATGAC 4007
FRI_Alc-0 CGTTGCACTG---CTCGAGCAATTGCGGATTCACACCTTGTGCTTACAGTTTCCCATGAC 4007
FRI_Pu-2-23 CGTTGCACTG---CTCGAGCAATTGCGGATTCACACCTTGTGCTTACAGTTTCCCATGAC 4010
FRI_NFA-10 CGTTGCACTG---CTCGAGCAATTGCGGATTCACACCTTGTGCTTACAGTTTCCCATGAC 4010
FRI_Cvi-0 CGTTGCACTG---CTCGAGCAATTGCGGATTCACACCTTGTGCTTACAGTTTCCCATGAC 4010
FRI_Zdr-6 CGTTGCACTG---CTCGAGCAATTGCGGATTCACACCTTGTGCTTACAGTTTCCCATGAC 4010
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FRI_An-1 ACAAGCTTTTCCATGAATGTATTTATGTCCGCCCTTCTATCTTTCTTGAGGAAGATGAAT 4029
FRI_Pro-0 ACAAGCTTTTCCATGAATGTATTTATGTCCGCCCTTCTATCTTTCTTGAGGAAGATGAAT 4031
FRI_Bål-2 ----- 3986
FRI_St-0 ACAAGCTTTTCCATGAATGTATTTATGTCCGCCCTTCTATCTTTCTTGAGGAAGATGAAT 3996
FRI_Bg-2 ACAAGCTTTTCCATGAATGTATTTATGTCCGCCCTTCTATCTTTCTTGAGGAAGATGAAT 4064
FRI_C24 ACAAGCTTTTCCATGAATGTATTTATGTCCGCCCTTCTATCTTTCTTGAGGAAGA----- 4060
FRI_Van-0 ACAAGCTTTTCCATGAATGTATTTATGTCCGCCCTTCTATCTTTCTTGAGGAAGATGAAT 4065
FRI_Ull-2-3 ACAAGCTTTTCCATGAATGTATTTATGTCCGCCCTTCTATCTTTCTTGAGGAAGATGAAT 4064
FRI_Lip-0 ACAAGCTTTTCCATGAATGTATTTATGTCCGCCCTTCTATCTTTCTTGAGGAAGATGAAT 4068
FRI_NFA-8 ACAAGCTTTTCCATGAATGTATTTATGTCCGCCCTTCTATCTTTCTTGAGGAAGATGAAT 4068
FRI_Edi-0 ACAAGCTTTTCCATGAATGTATTTATGTCCGCCCTTCTATCTTTCTTGAGGAAGATGAAT 4067
FRI_Ren-1 ACAAGCTTTTCCATGAATGTATTTATGTCCGCCCTTCTATCTTTCTTGAGGAAGATGAAT 3696
FRI_Nok-3 ACAAGCTTTTCCATGAATGTATTTATGTCCGCCCTTCTATCTTTCTTGAGGAAGATGAAT 4067
FRI_Sha ACAAGCTTTTCCATGAATGTATTTATGTCCGCCCTTCTATCTTTCTTGAGGAAGATGAAT 4067
FRI_Wa-1 ACAAGCTTTTCCATGAATGTATTTATGTCCGCCCTTCTATCTTTCTTGAGGAAGATGAAT 4067
FRI_Spr-1-6 ACAAGCTTTTCCATGAATGTATTTATGTCCGCCCTTCTATCTTTCTTGAGGAAGATGAAT 4067
FRI_Bil-7 ACAAGCTTTTCCATGAATGTATTTATGTCCGCCCTTCTATCTTTCTTGAGGAAGATGAAT 4067
FRI_Alc-0 ACAAGCTTTTCCATGAATGTATTTATGTCCGCCCTTCTATCTTTCTTGAGGAAGATGAAT 4067

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|-------------|--|------|
| FRI_Pu-2-23 | ACAAGCTTTTCCATGAATGTATTTATGTCCGCCTTCTTATCTTTCTTGAGGAAGATGAAT | 4070 |
| FRI_NFA-10 | ACAAGCTTTTCCATGAATGTATTTATGTCCGCCTTCTTATCTTTCTTGAGGAAGATGAAT | 4070 |
| FRI_Cvi-0 | ACAAGCTTTTCCATGAATGTATTTATGTCCGCCTTCTTATCTTTCTTGAGGAAGATGAAT | 4070 |
| FRI_Zdr-6 | ACAAGCTTTTCCATGAATGTATTTATGTCCGCCTTCTTATCTTTCTTGAGGAAGATGAAT | 4070 |

| | | |
|-------------|----|------|
| FRI_An-1 | TC | 4031 |
| FRI_Pro-0 | TC | 4033 |
| FRI_Bå1-2 | -- | 3986 |
| FRI_St-0 | TC | 3998 |
| FRI_Bg-2 | TC | 4066 |
| FRI_C24 | -- | 4060 |
| FRI_Van-0 | TC | 4067 |
| FRI_U11-2-3 | TC | 4066 |
| FRI_Lip-0 | T- | 4069 |
| FRI_NFA-8 | TC | 4070 |
| FRI_Edi-0 | TC | 4069 |
| FRI_Ren-1 | TC | 3698 |
| FRI_Nok-3 | TC | 4069 |
| FRI_Sha | TC | 4069 |
| FRI_Wa-1 | TC | 4069 |
| FRI_Spr-1-6 | TC | 4069 |
| FRI_Bil-7 | TC | 4069 |
| FRI_Alc-0 | TC | 4069 |
| FRI_Pu-2-23 | TC | 4072 |
| FRI_NFA-10 | TC | 4072 |
| FRI_Cvi-0 | TC | 4072 |
| FRI_Zdr-6 | TC | 4072 |