

PR8_HA_pHW2000	AGCAAAAGCAGGGGATAATTCTATTAACCATGAAGACTATCATTTGCTTTGAGCTACATTT	60
PR8_HA_NCBI	AGCAAAAGCAGGGGAAAAATAAAAAACCAAAATGAAGGCAACCTA---CTGGTCCTGT	57
PR8_HA_illumina	NNNNNNAGCAGGGGAAAAATAAAAAACCAAAATGAAGGCAAACTA---CTGGTCCTGT	57
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PR8_HA_pHW2000	TATGTCTGGTTTTCGCTCAAAAACCTCCCGGAAATGACAACAGCAGCGCAACGCTGTGCC	120
PR8_HA_NCBI	TATGTGCACTTGCAGCTGCAGATGCAG-----ACA-----CAATATGTA	96
PR8_HA_illumina	TATGTGCACTTGCAGCTGCAGATGCAG-----ACA-----CAATATGTA	96
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PR8_HA_pHW2000	TGGGACACCATGCACTGCCAAACGGAACGCTAGTGAAAACAATCAGCAATGACCAAATTG	180
PR8_HA_NCBI	TAGGCTACCATGCGAACCAATTCAACCGACACTGTTGACACAGTGTCTGAGAAGAATGTGA	156
PR8_HA_illumina	TAGGCTACCATGCGAACCAATTCAACCGACACTGTTGACACAGTACTCGAGAAGAATGTGA	156
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PR8_HA_pHW2000	AAGTGACTAATGCTACTGAGCTGGTTCAGAGTTCCTCAACAGGTAGAATATGCG----A	235
PR8_HA_NCBI	CAGTGACACACTCTGTTAACCTGCCTCGAAGACAGCCACAACGGAAAACTATGTAGATTAA	216
PR8_HA_illumina	CAGTGACACACTCTGTTAACCTGCCTCGAAGACAGCCACAACGGAAAACTATGTAGATTAA	216
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PR8_HA_pHW2000	CAGTCTCACCAAATCCTTGATGGGAAAAACTGCACACTGATAGATGCTCTATTGGGAGA	295
PR8_HA_NCBI	AAGGAATAGCCCCACTACAATTGG-G-GAAATGTAACATCGCCGGATGGCTCTTGGGAAA	274
PR8_HA_illumina	AAGGAATAGCCCCACTACAATTGG-G-GAAATGTAACATCGCCGGATGGCTCTTGGGAAA	274
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PR8_HA_pHW2000	CCCACATTGTGATGGCTTCCAAAAAAGGA--ATGGGACCTTTTGT--TGAACGCAG	349
PR8_HA_NCBI	CCCAGAAATGCGACCCACTGCTTCCAGTGAGATCATGGTCTACATTGTAGAAACACCAAA	334
PR8_HA_illumina	CCCAGAAATGCAACCCACTGCTTCCAGTGAGATCATGGTCTACATTGTAGAAACACCAAA	334
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PR8_HA_pHW2000	CAAAGCCTACAGCAACTGTTACCCCTTATGATGTGCCGGATTATGCCTCCCTTAGGTCACT	409
PR8_HA_NCBI	CTCTGAGAAATGGAATATGTTATTCAGGAGATTTCAATCGACTATGAGGAGCTGAGGGAGCA	394
PR8_HA_illumina	CTCTGAGAAATGGAATATGTTATTCAGGAGATTTCAATCGACTATGAGGAAGCTGAGGGAGCA	394
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PR8_HA_pHW2000	AGTTGCCTC-----ATCCGGCAC--CCTGGAGTTTAAACAATGAAAGCTTCAATTG	457
PR8_HA_NCBI	ATTGAGCTCAGTGTCACTATTGAAAAGATTGAAAATATTTCCCAAAGAAAGCTCATGGCC	454
PR8_HA_illumina	ATTGAGCTCAGTGTCACTCGAAAGATTGAAAATATTTCCCAAAGAAAGCTCATGGCC	454
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PR8_HA_pHW2000	GACTGGAGTCGCTCAGAATGGAACAAGCTCTGCTTGCAAAAGGAGATCTATTAAACAGTTT	517
PR8_HA_NCBI	CAACCACAACACAACCAAGGAGTAACGCGCAGCATGCTCCCATGCGGGGAAAAGCAGTTT	514
PR8_HA_illumina	CAACCACAACACA--AACGGAGTAACGCGCAGCATGCTCCCATGCGGGGGAAAGCAGTTT	511
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PR8_HA_pHW2000	CTTTAGTAGATTGAATTGGTTGCACCAATTAAAAATACAGATATCCAGCACTGAACGTGAC	577
PR8_HA_NCBI	TTACAGAAATTTGCTATGGCTGACGGAGAAGGAGGGCTCATACCCAAAGCTGAAAAATTC	574
PR8_HA_illumina	TTACAGAAATTTGCTATGGCTGACGGAGAAGGAGGGCTCATACCCAAAGCTGAAAAATTC	571
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PR8_HA_pHW2000	TATGCCAAACAATGACAAATTTGACAAATTTGTACATTTGGGGGTTTACCACCCGAGTAC	637
PR8_HA_NCBI	TTATGTGAACAAGAAAGGGAAAGAAGTCCTTGTACTGTGGGTTATTCATCACCCTCTAA	634
PR8_HA_illumina	TTATGTGAACAAGAAAGGGAAAGTCCCTTGTACTGTGGGTATTCATCACCCTCTAA	631
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PR8_HA_pHW2000	GGACAGTGACCAAACCGCCTATATACC---CCATCAGGGAGAGTCACAGTCTCTACCAA	694
PR8_HA_NCBI	CAGTAAGGATCAACAGAAATATCTATCAGAAATGAAATGCTTATGTCTCTGTAGTCACTTC	694
PR8_HA_illumina	CAGTAAGGATCAACAGAAATCTCTATCAGAAATGAAATGCTTATGTCTCTGTAGTCTCTC	691
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PR8_HA_pHW2000	AAGAAGCCAACAAACTGTAATCCCGAATATCGGATCCGAGCCCTGGGTAAAGGGTATCTC	754
PR8_HA_NCBI	AAATTATAACAGGAGATTTACCCCGAAATAGCAGAAAGCCCAAAGTAAGAGATCAAGC	754
PR8_HA_illumina	AAATTATAACAGGAGATTTACCCCGAAATAGCAGAAAGCCCAAAGTAAGAGATCAAGC	751
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PR8_HA_pHW2000	CAGCAGAATAAGCATCTATTGGACAATACTAAAACCGGAGACATACTTTTGATTAAACAG	814
PR8_HA_NCBI	TGGGAGGATGAACATATTACTGGACCTTGCTAAAACCCGGAGACACAATAATATTGAGGC	814
PR8_HA_illumina	TGGGAGGATGAACATATTACTGGACCTTGCTAAAACCCGGAGACACAATAATATTGAGGC	811
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PR8_HA_pHW2000	CACAGGGAATCTAATTGCTCCTCGGGTTACTTCAAAATACGAAGTGGGAAAAGCTCA--	872
PR8_HA_NCBI	AAATGGAAATCTAATAGCACCAAGGTATGCTTTCGCACTGAGTAGAGGCTTTGGTCCGG	874
PR8_HA_illumina	AAATGGAAATCTAATAGCACCAAGGTATGCTTTCGCACTGAGTAGAGGCTTTGGTCCGG	871
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PR8_HA_pHW2000	-ATAATGAGTCCAGATGCACCCATTGACAAATGCAATTTCTGAATGCATCACTCCAAATGG	931
PR8_HA_NCBI	CATCATCACCTCAAACGCATCAATGCATGAGTGTAACACGAAGTGTCAAACACCCCTGGG	934
PR8_HA_illumina	CATCATCACCTCAAACGCATCAATGCATGAGTGTAACACGAAGTGTCAAACACCCCTGGG	931
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PR8_HA_pHW2000	AAGCATTCCCAATGACAAACCATTTCAAAATGTAAACAGGATCACATATGGGGCCTGTCC	991
PR8_HA_NCBI	AGCTATAAACAGCAGTCTCCCTTTCCAGAAATATACACCCAGTCACAATAGGAGAGTGCCC	994
PR8_HA_illumina	AGCTATAAACAGCAGTCTCCCTTTCCAGAAATATACACCCAGTCACAATAGGAGAGTGCCC	991
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PR8_HA_pHW2000	CAGATATGTTAAGCAAAACACTCTGAAATTGGCAACAGGGATCGGGAATGTACCAGAGAA	1051
PR8_HA_NCBI	AAAATACGTCAAGAGTGCCAAATTGAGGATGGTTACAGGACTAAGGAACATTCCGTCAT	1054
PR8_HA_illumina	AAAATACGTCAAGAGTGCCAAATTGAGGATGGTTACAGGACTAAGGAACATTCCGTCAT	1051
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PR8_HA_pHW2000	ACAAACTAGAGGCATATTTCGGCGCAATCGCGGGTTTCATAGAAAAATGGTTGGGAGGGAAT	1111
PR8_HA_NCBI	TCAAATCCAGAGTCTATTTTGGAGCCATTGCCGTTTATTGAAGGGGATGGACTGGAAT	1114
PR8_HA_illumina	TCAAATCCAGAGTCTATTTTGGAGCCATTGCCGTTTATTGAAGGAGGATGGACTGGAAT	1111
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PR8_HA_pHW2000	GATGGACGGTTGGTACGTTTCAGGCATCAAAATTTCTGAGGGCACAGGACAAGCAGCAGA	1171
PR8_HA_NCBI	GATAGATGGATGGTACGGTTATCATCATCAGAAATGAACAGGGATCAGGCTATGCAGCGGA	1174
PR8_HA_illumina	GATAGATGGATGGTATGGTTATCATCATCAGAAATGAACAGGGATCAGGCTATGCAGCGGA	1171
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PR8_HA_pHW2000	TCTTAAAGCACTCAAGCAGCAATCAACCAATCAACGGGAACTGAATAGGTTAATCGA	1231
PR8_HA_NCBI	TCAAAAAAGCACACAAAATGCCATTAAACGGGATTACAAACAAGGTGAACCTCTGTTATCGA	1234
PR8_HA_illumina	TCAAAAAAGCACACAAAATGCCATTAAACGGGATTACAAACAAGGTGAACCTCTGTTATCGA	1231
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PR8_HA_pHW2000	GAAAACGAAACGAGAAATTCATCAAAATTGAAAAGAATTTCTCAGAAGTAGAAGGGAGAAT	1291
PR8_HA_NCBI	GAAATGAACATTCAAATTACAGCTGTGGTTAAGAAATTCACAAATTAGAAAAAAGGAT	1294
PR8_HA_illumina	GAAATGAACACTCAATTACAGCTGTGGTTAAGAAATTCACAAATTAGAAAAAAGGAT	1291
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PR8_HA_pHW2000	TCAGGACCTCGAGAAATATGTTGAGGACACTAAAAATAGATCTCTGGTCTGACAACGCGGA	1351
PR8_HA_NCBI	GGAAAAATTTAAATAAAAAAGTTGATGATGGATTCTTGGACATTTGGACATATAATGCAGA	1354
PR8_HA_illumina	GGAAAAATTTAAATAAAAAAGTTGATGATGGATTCTTGGACATTTGGACATATAATGCAGA	1351
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PR8_HA_pHW2000	GCTTCTTGTTCGCCCTGGAGAACCAACATACAATTGATCTAACTGACTCAGAAATGAACAA	1411
PR8_HA_NCBI	ATTGTTAGTTCTACTGGAAAAATGAAAGGACTCTGGATTTCATGACTCAAAATGTGAAGAA	1414
PR8_HA_illumina	ATTGTTAGTTCTACTGGAAAAATGAAAGGACTCTGGATTTCATGACTCAAAATGTGAAGAA	1411
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PR8_HA_pHW2000	ACTGTTTGAAAGAACAAGGAAGCAACTGAGAGAAAATGCTGAGGATATGGGCAATGGTTG	1471
PR8_HA_NCBI	TCTGTATGAGAAAGTAAAAAGCCAATTAAAGAATAATGCCAAGAAATCGGAAATGGATG	1474
PR8_HA_illumina	TCTGTATGAGAAAGTAAAAAGCCAATTAAAGAATAATGCCAAGAAATCGGAAATGGATG	1471
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PR8_HA_pHW2000	TTTCAAAATATACCACAAATGTGACAATGCCTGCATAGGGTCAATCAGAAATGGAACCTTA	1531
PR8_HA_NCBI	TTTTGAGTTCTACCACAAGTGTGACAATGAATGCATGGAAAGTGAAGAAATGGGACTTA	1534
PR8_HA_illumina	TTTTGAGTTCTACCACAAGTGTGACAATGAATGCATGGAAAGTGAAGAAATGGGACTTA	1531
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PR8_HA_pHW2000	TGACCATGATGTATACAGAGACGAAGCATTAAACAACCGGTTCCAGATCAAAGGTGTTGA	1591
PR8_HA_NCBI	TGATTATCCCAATATTTCAGAAAGTCAAAGTTGAACAGGGAAAAGGTAGATGGAGTGAA	1594
PR8_HA_illumina	TGATTATCCCAATATTTCAGAAAGTCAAAGTTGAACAGGGAAAAGATAGATGGAGTGAA	1591
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PR8_HA_pHW2000	GCTGAAGTCAGGATACAAAGATTGGATCCATGGATTTCCTTTGCCATATCATGTTATTT	1651
PR8_HA_NCBI	ATTGGAATCAATGGGGATCTATCAGATTCTGGCGATCTACTCAACTGTCGCCAGTTCACT	1654
PR8_HA_illumina	ATTGGAATCAATGGGGATCTATCAGATTCTGGCGATCTACTCAACTGTCGCCAGTTCACT	1651
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PR8_HA_pHW2000	GCTTTGTGTTGTTTGGCT---GGGGTTCATTATGTGGCCTGCCAAAAAGGCAACATTAG	1708
PR8_HA_NCBI	GGTGCTTTTGGTCTCCCTGGGGGCAATCAGTTTCTGGATGTGTTCTAATGGATCTTTGCA	1714
PR8_HA_illumina	GGTGCTTTTGGTCTCCCTGGGGCAATCAGTTTCTGGATGTGTTCTAATGGATCTTTGCA	1711
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PR8_HA_pHW2000	GTG-----CAACATTTGCATTTGAGTGCATTAATAAAAACACCTTGTTTC	1755
PR8_HA_NCBI	GTGCAGAATATGCATCTGAGATTAGAATTTCAGAAATATGAGGAAAAACACCTTGTTTC	1774
PR8_HA_illumina	GTGCAGAATATGCATCTGAGATTAGAATTTCAGAAATATGAGGAAAAACACCTTGNNNN	1771
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PR8_HA_pHW2000	TACT	1759
PR8_HA_NCBI	TACT	1778
PR8_HA_illumina	NNNN	1775