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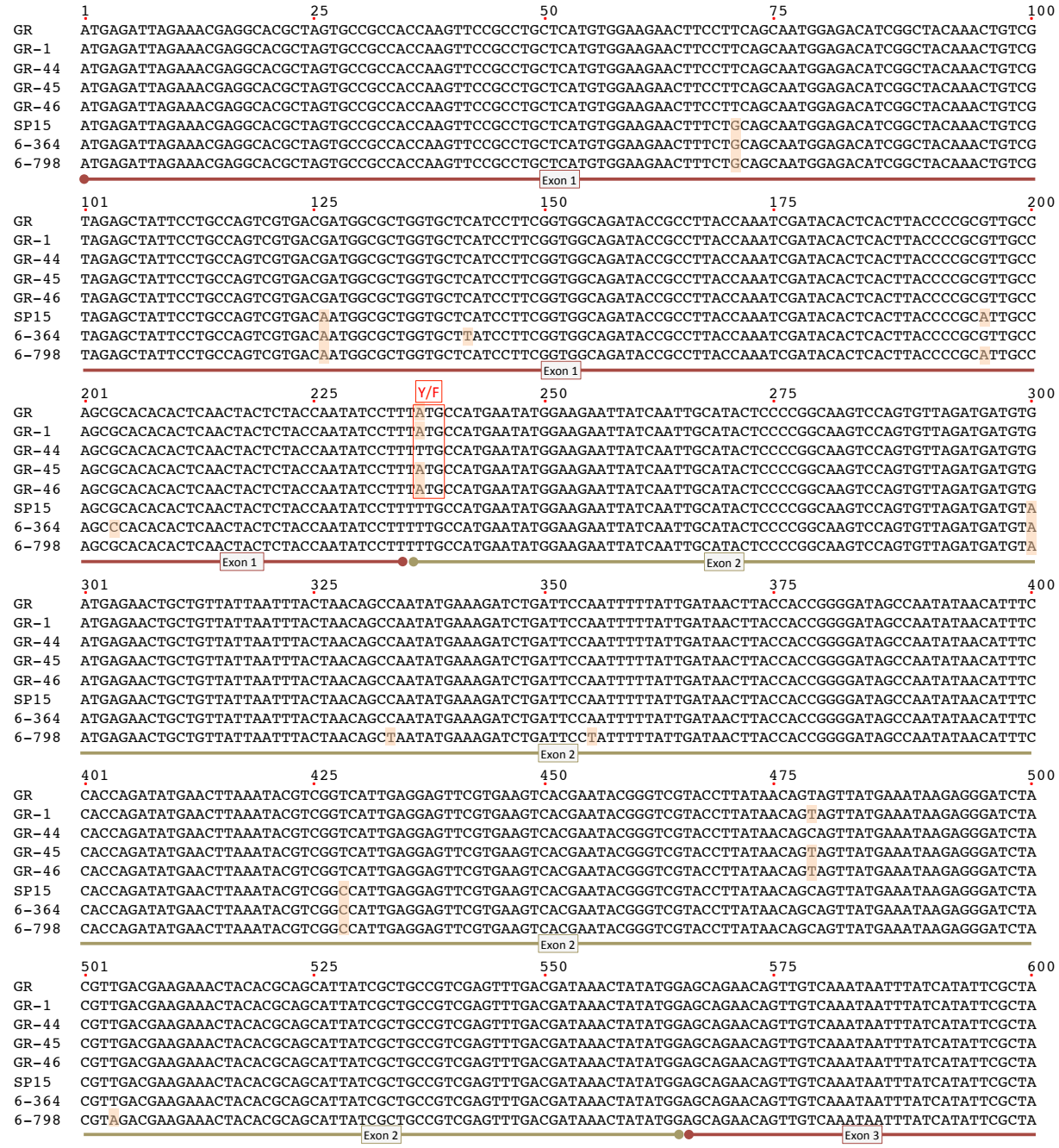
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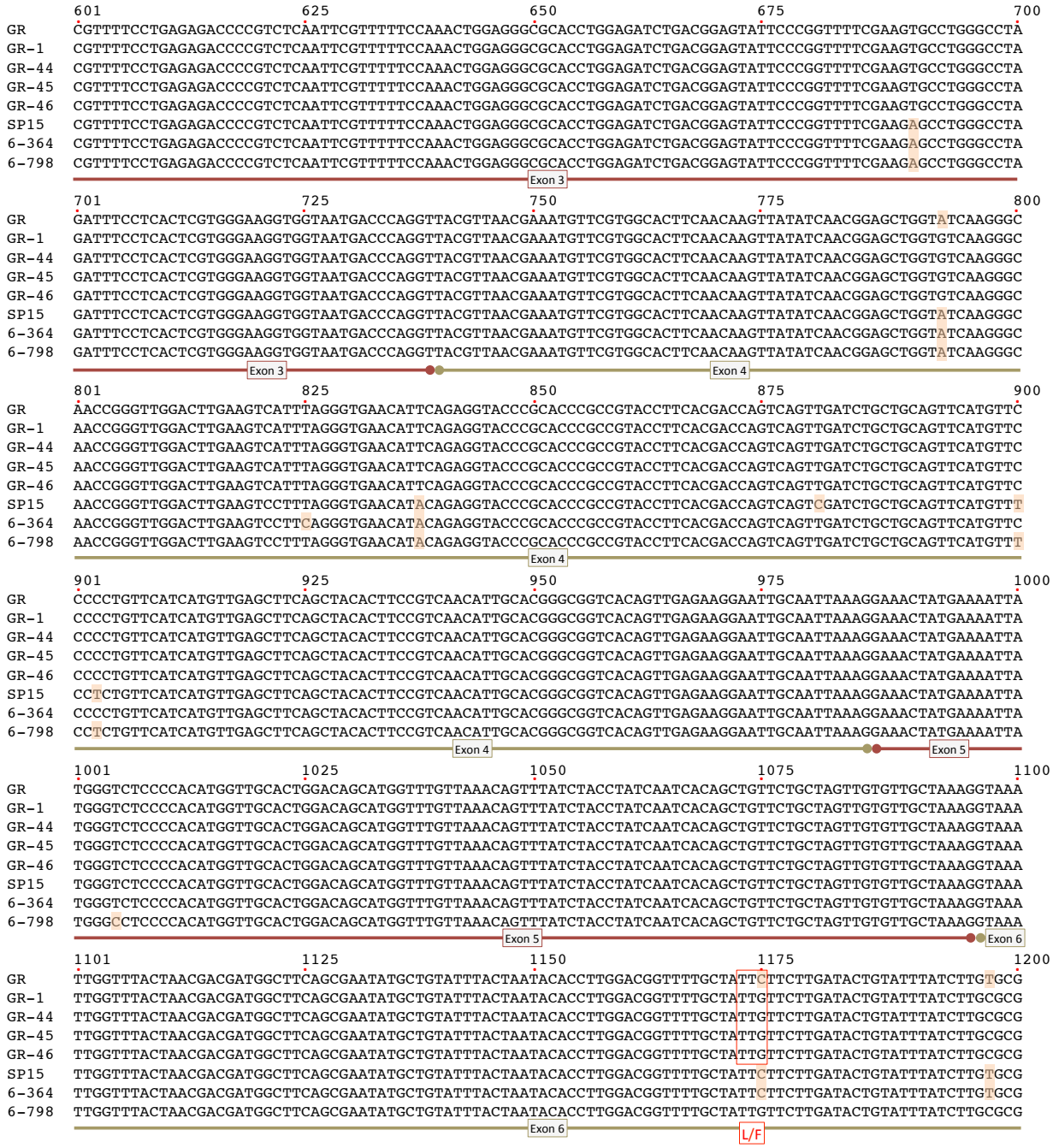
Exon 3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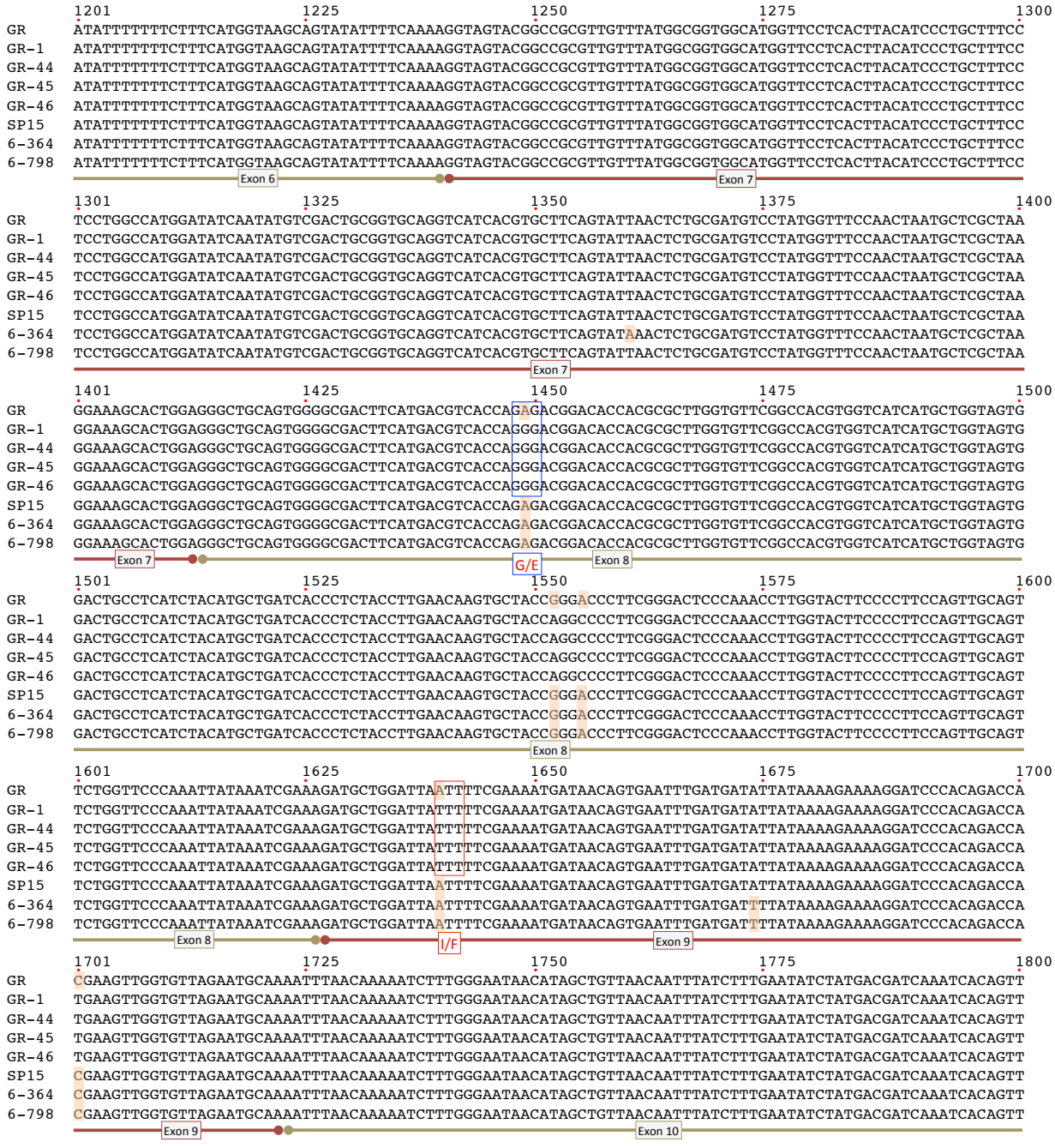
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G/E
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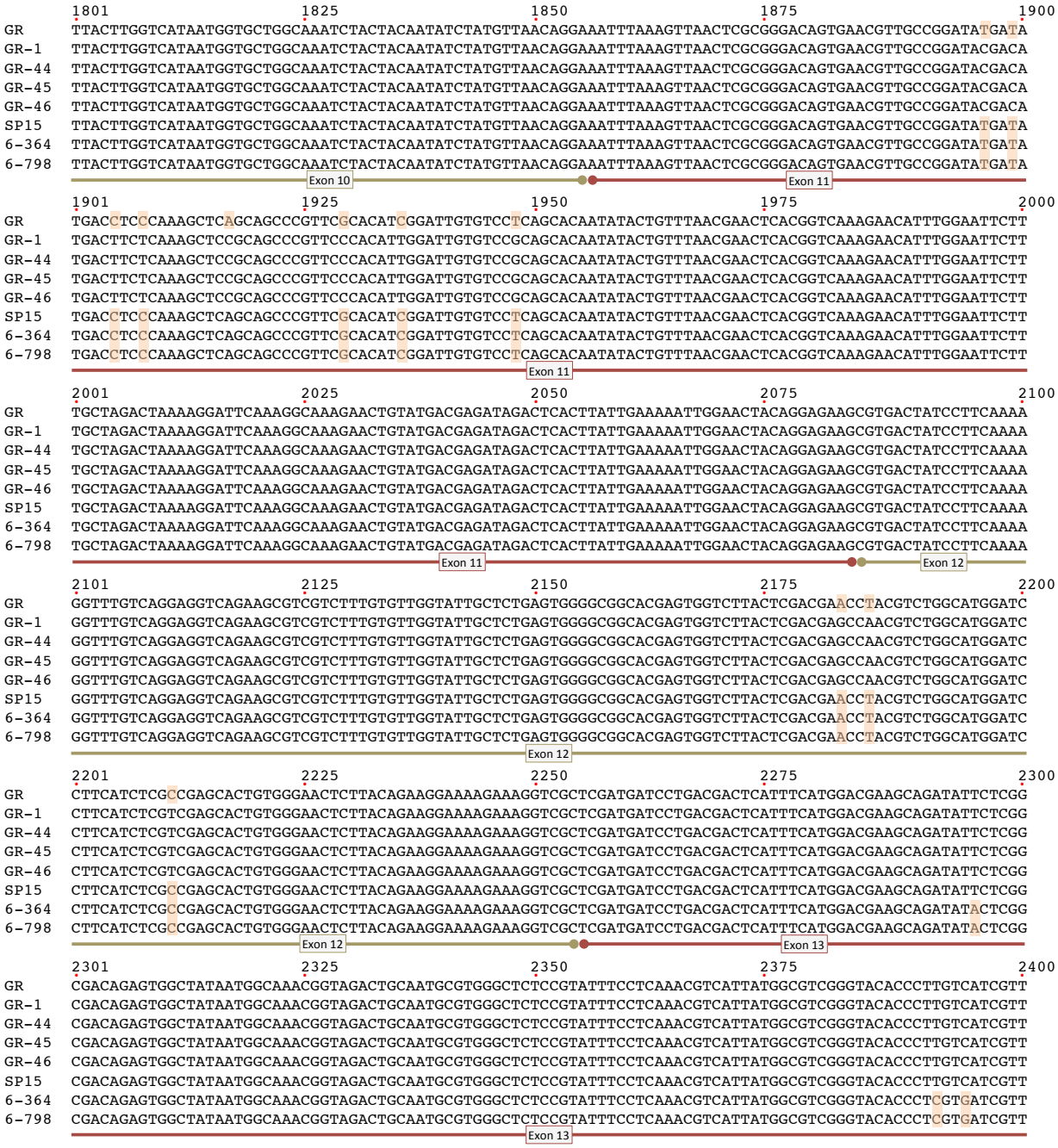
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Exon 10
Exon 11
1901 1925 1950 1975 2000
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Exon 11
2001 2025 2050 2075 2100
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Exon 11
Exon 12
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Exon 12
Exon 13
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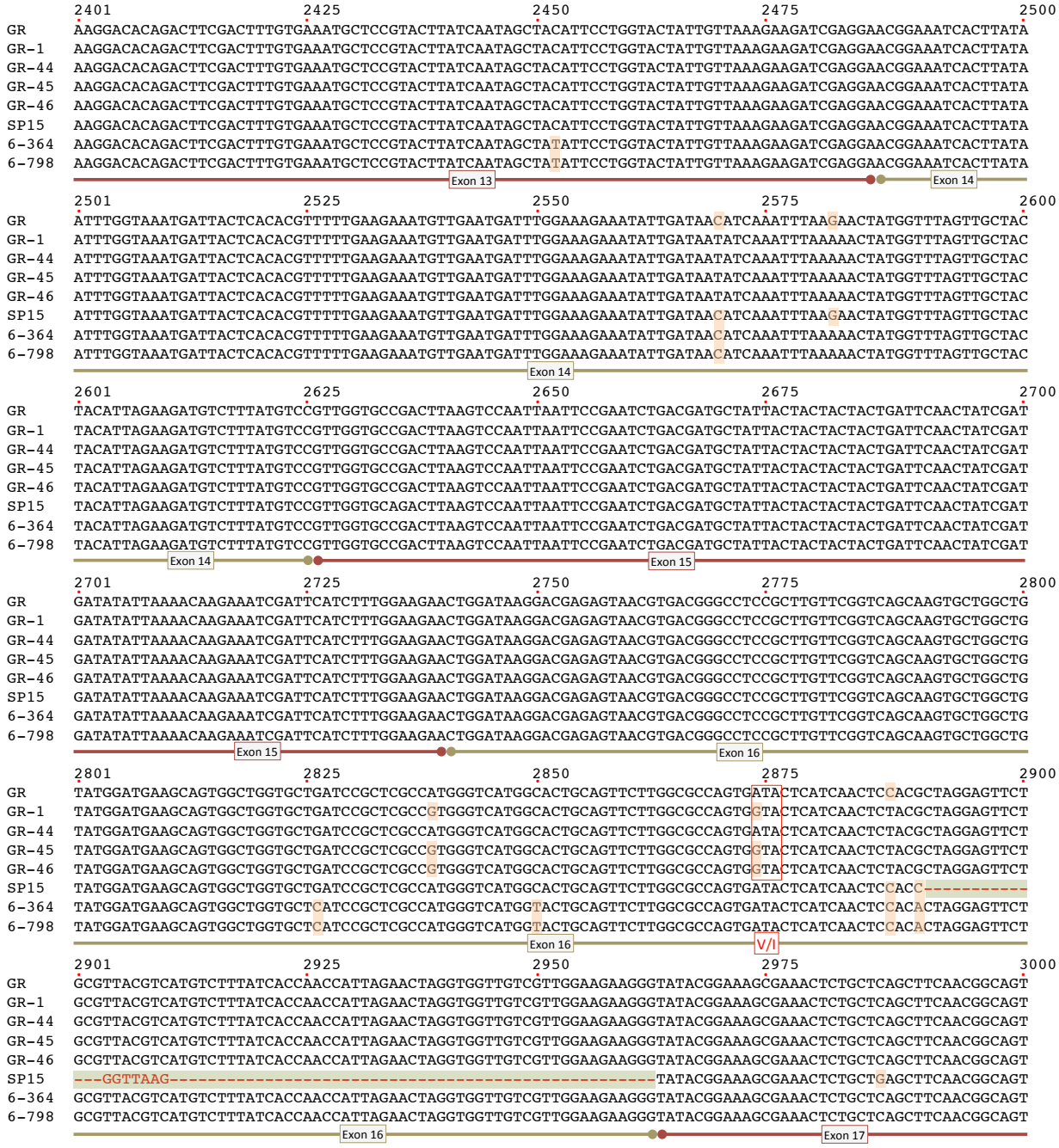
Exon 13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6-798 AAGGACACAGACTTCGACTTTGTGAAATGCTCCGTACTTATCAATAGCTATATTCCTGGTACTATTGTTAAAGAAGATCGAGGAACGGAAATCACTTATA
Exon 13
Exon 14
2501 2525 2550 2575 2600
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Exon 14
Exon 15
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Exon 15
Exon 16
2801 2825 2850 2875 2900
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Exon 16
V/I
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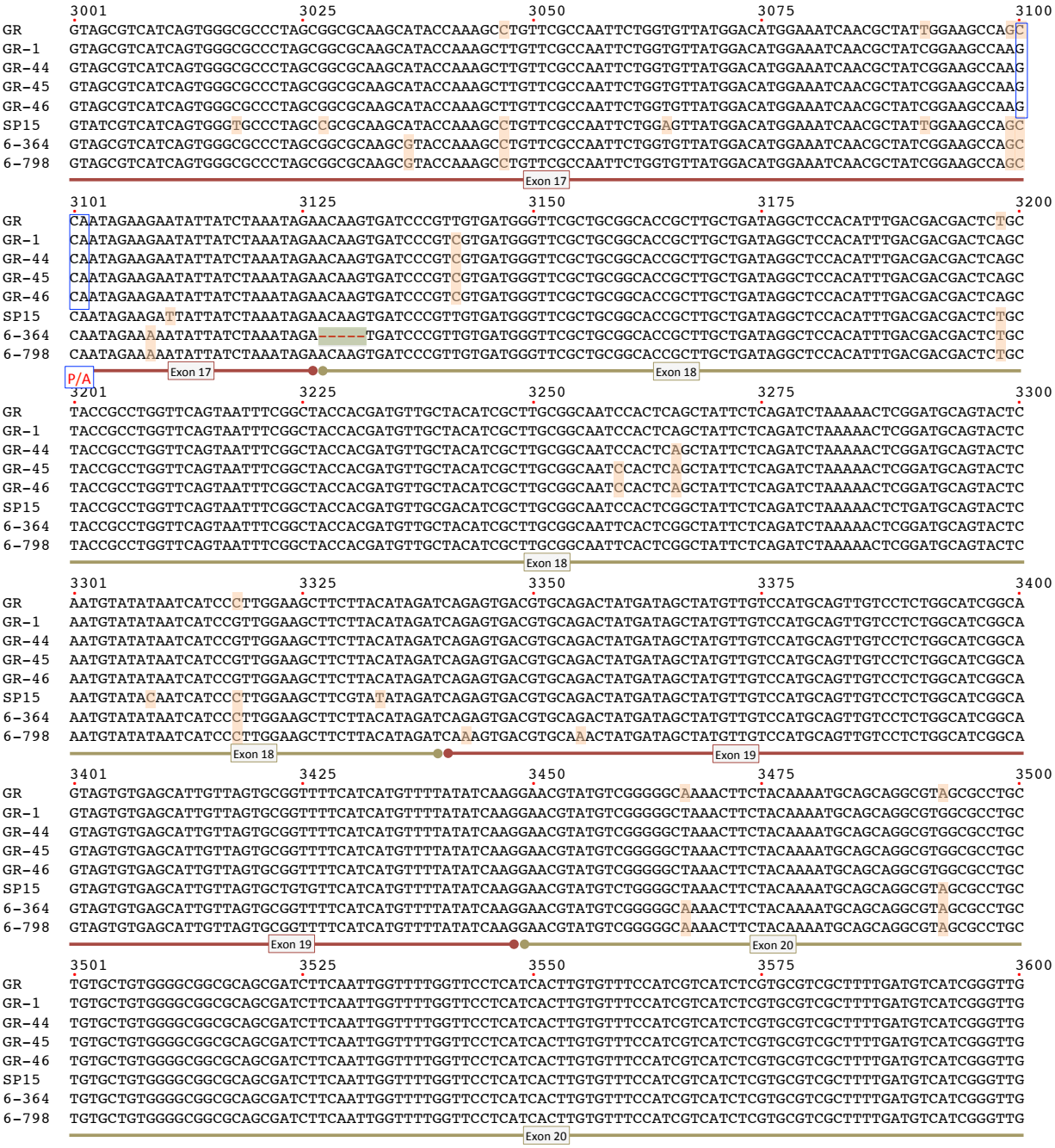
Exon 16
Exon 17


3001
3025
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Exon 17
3101
3125
3150
3175
3200
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P/A
Exon 17
Exon 18
3201
3225
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3275
3300
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Exon 19
3401
3425
3450
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3500
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Exon 20
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3575
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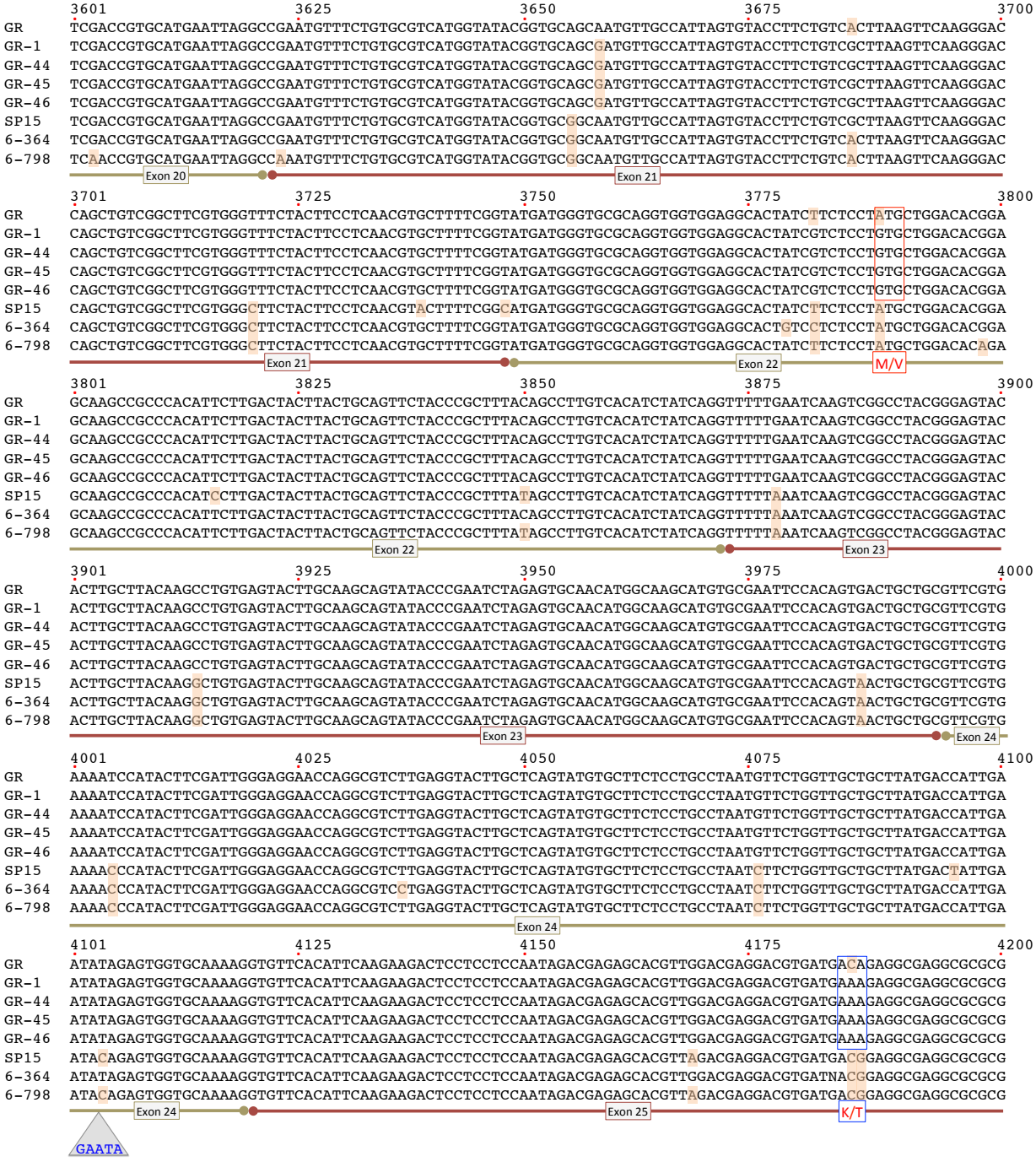
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GR-45 TCGACCGTGCATGAATTAGGCCGAATGTTTCTGTGCGTCATGGTATACGGTGCAGCGATGTTGCCATTAGTGTACCTTCTGTCGCTTAAGTTCAAGGGAC
GR-46 TCGACCGTGCATGAATTAGGCCGAATGTTTCTGTGCGTCATGGTATACGGTGCAGCGATGTTGCCATTAGTGTACCTTCTGTCGCTTAAGTTCAAGGGAC
SP15 TCGACCGTGCATGAATTAGGCCGAATGTTTCTGTGCGTCATGGTATACGGTGCGGCAATGTTGCCATTAGTGTACCTTCTGTCGCTTAAGTTCAAGGGAC
6-364 TCGACCGTGCATGAATTAGGCCGAATGTTTCTGTGCGTCATGGTATACGGTGCGGCAATGTTGCCATTAGTGTACCTTCTGTCACTTAAGTTCAAGGGAC
6-798 TCAACCGTGCATGAATTAGGCCAAATGTTTCTGTGCGTCATGGTATACGGTGCGGCAATGTTGCCATTAGTGTACCTTCTGTCACTTAAGTTCAAGGGAC
Exon 20
Exon 21
3701 3725 3750 3775 3800
GR CAGCTGTCGGCTTCGTGGGTTTCTACTTCCTCAACGTGCTTTTCGGTATGATGGGTGCGCAGGTGGTGGAGGCACTATCTTCTCCTATGCTGGACACGGA
GR-1 CAGCTGTCGGCTTCGTGGGTTTCTACTTCCTCAACGTGCTTTTCGGTATGATGGGTGCGCAGGTGGTGGAGGCACTATCGTCTCCTGTGCTGGACACGGA
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GR-46 CAGCTGTCGGCTTCGTGGGTTTCTACTTCCTCAACGTGCTTTTCGGTATGATGGGTGCGCAGGTGGTGGAGGCACTATCGTCTCCTGTGCTGGACACGGA
SP15 CAGCTGTCGGCTTCGTGGGCTTCTACTTCCTCAACGTACTTTTCGGCATGATGGGTGCGCAGGTGGTGGAGGCACTATCTTCTCCTATGCTGGACACGGA
6-364 CAGCTGTCGGCTTCGTGGGCTTCTACTTCCTCAACGTGCTTTTCGGTATGATGGGTGCGCAGGTGGTGGAGGCACTGTCGTCTCCTATGCTGGACACGGA
6-798 CAGCTGTCGGCTTCGTGGGCTTCTACTTCCTCAACGTGCTTTTCGGTATGATGGGTGCGCAGGTGGTGGAGGCACTATCTTCTCCTATGCTGGACACAGA
Exon 21
Exon 22
M/V
3801 3825 3850 3875 3900
GR GCAAGCCGCCCACATTCTTGACTACTTACTGCAGTTCTACCCGCTTTACAGCCTTGTCACATCTATCAGGTTTTTGAATCAAGTCGGCCTACGGGAGTAC
GR-1 GCAAGCCGCCCACATTCTTGACTACTTACTGCAGTTCTACCCGCTTTACAGCCTTGTCACATCTATCAGGTTTTTGAATCAAGTCGGCCTACGGGAGTAC
GR-44 GCAAGCCGCCCACATTCTTGACTACTTACTGCAGTTCTACCCGCTTTACAGCCTTGTCACATCTATCAGGTTTTTGAATCAAGTCGGCCTACGGGAGTAC
GR-45 GCAAGCCGCCCACATTCTTGACTACTTACTGCAGTTCTACCCGCTTTACAGCCTTGTCACATCTATCAGGTTTTTGAATCAAGTCGGCCTACGGGAGTAC
GR-46 GCAAGCCGCCCACATTCTTGACTACTTACTGCAGTTCTACCCGCTTTACAGCCTTGTCACATCTATCAGGTTTTTGAATCAAGTCGGCCTACGGGAGTAC
SP15 GCAAGCCGCCCACATCCTTGACTACTTACTGCAGTTCTACCCGCTTTATAGCCTTGTCACATCTATCAGGTTTTTAAATCAAGTCGGCCTACGGGAGTAC
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6-798 GCAAGCCGCCCACATTCTTGACTACTTACTGCAGTTCTACCCGCTTTATAGCCTTGTCACATCTATCAGGTTTTTAAATCAAGTCGGCCTACGGGAGTAC
Exon 22
Exon 23
3901 3925 3950 3975 4000
GR ACTTGCTTACAAGCCTGTGAGTACTTGCAAGCAGTATACCCGAATCTAGAGTGCAACATGGCAAGCATGTGCGAATTCCACAGTGACTGCTGCGTTCGTG
GR-1 ACTTGCTTACAAGCCTGTGAGTACTTGCAAGCAGTATACCCGAATCTAGAGTGCAACATGGCAAGCATGTGCGAATTCCACAGTGACTGCTGCGTTCGTG
GR-44 ACTTGCTTACAAGCCTGTGAGTACTTGCAAGCAGTATACCCGAATCTAGAGTGCAACATGGCAAGCATGTGCGAATTCCACAGTGACTGCTGCGTTCGTG
GR-45 ACTTGCTTACAAGCCTGTGAGTACTTGCAAGCAGTATACCCGAATCTAGAGTGCAACATGGCAAGCATGTGCGAATTCCACAGTGACTGCTGCGTTCGTG
GR-46 ACTTGCTTACAAGCCTGTGAGTACTTGCAAGCAGTATACCCGAATCTAGAGTGCAACATGGCAAGCATGTGCGAATTCCACAGTGACTGCTGCGTTCGTG
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6-798 ACTTGCTTACAAGCCTGTGAGTACTTGCAAGCAGTATACCCGAATCTAGAGTGCAACATGGCAAGCATGTGCGAATTCCACAGTAACTGCTGCGTTCGTG
Exon 23
Exon 24
4001 4025 4050 4075 4100
GR AAAATCCATACTTCGATTGGGAGGAACCAGGCGTCTTGAGGTACTTGCTCAGTATGTGCTTCTCCTGCCTAATGTTCTGGTTGCTGCTTATGACCATTGA
GR-1 AAAATCCATACTTCGATTGGGAGGAACCAGGCGTCTTGAGGTACTTGCTCAGTATGTGCTTCTCCTGCCTAATGTTCTGGTTGCTGCTTATGACCATTGA
GR-44 AAAATCCATACTTCGATTGGGAGGAACCAGGCGTCTTGAGGTACTTGCTCAGTATGTGCTTCTCCTGCCTAATGTTCTGGTTGCTGCTTATGACCATTGA
GR-45 AAAATCCATACTTCGATTGGGAGGAACCAGGCGTCTTGAGGTACTTGCTCAGTATGTGCTTCTCCTGCCTAATGTTCTGGTTGCTGCTTATGACCATTGA
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SP15 AAAACCCATACTTCGATTGGGAGGAACCAGGCGTCTTGAGGTACTTGCTCAGTATGTGCTTCTCCTGCCTAATCTTCTGGTTGCTGCTTATGACTATTGA
6-364 AAAACCCATACTTCGATTGGGAGGAACCAGGCGTCCTGAGGTACTTGCTCAGTATGTGCTTCTCCTGCCTAATCTTCTGGTTGCTGCTTATGACCATTGA
6-798 AAAACCCATACTTCGATTGGGAGGAACCAGGCGTCTTGAGGTACTTGCTCAGTATGTGCTTCTCCTGCCTAATCTTCTGGTTGCTGCTTATGACCATTGA
Exon 24
4101 4125 4150 4175 4200
GR ATATAGAGTGGTGCAAAAGGTGTTCACATTCAAGAAGACTCCTCCTCCAATAGACGAGAGCACGTTGGACGAGGACGTGATGACAGAGGCGAGGCGCGCG
GR-1 ATATAGAGTGGTGCAAAAGGTGTTCACATTCAAGAAGACTCCTCCTCCAATAGACGAGAGCACGTTGGACGAGGACGTGATGAAAGAGGCGAGGCGCGCG
GR-44 ATATAGAGTGGTGCAAAAGGTGTTCACATTCAAGAAGACTCCTCCTCCAATAGACGAGAGCACGTTGGACGAGGACGTGATGAAAGAGGCGAGGCGCGCG
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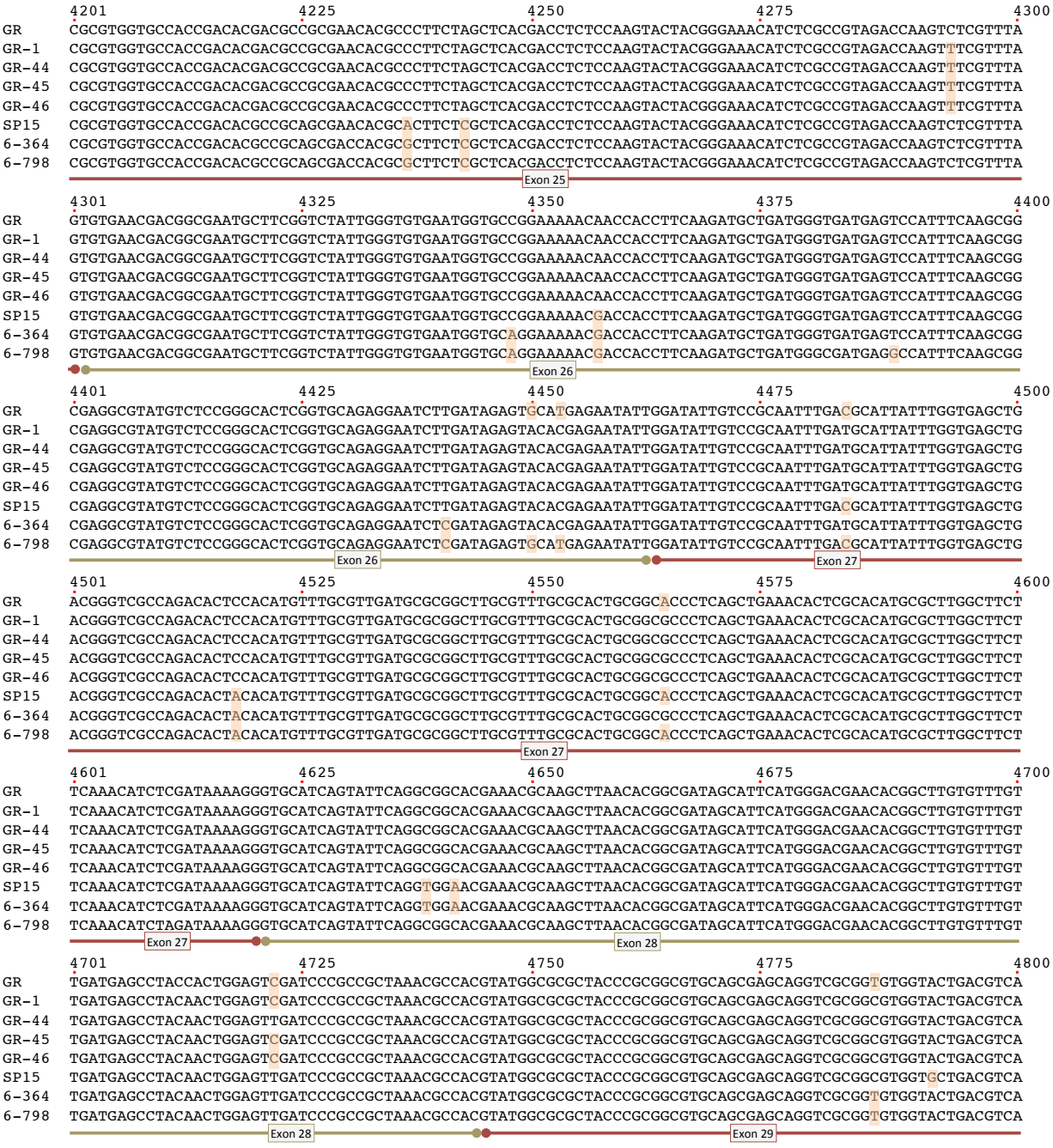
GR-46 ATATAGAGTGGTGCAAAAGGTGTTCACATTCAAGAAGACTCCTCCTCCAATAGACGAGAGCACGTTGGACGAGGACGTGATGAAAGAGGCGAGGCGCGCG
SP15 ATACAGAGTGGTGCAAAAGGTGTTCACATTCAAGAAGACTCCTCCTCCAATAGACGAGAGCACGTTAGACGAGGACGTGATGACGGAGGCGAGGCGCGCG
6-364 ATATAGAGTGGTGCAAAAGGTGTTCACATTCAAGAAGACTCCTCCTCCAATAGACGAGAGCACGTTGGACGAGGACGTGATNACGGAGGCGAGGCGCGCG
6-798 ATACAGAGTGGTGCAAAAGGTGTTCACATTCAAGAAGACTCCTCCTCCAATAGACGAGAGCACGTTAGACGAGGACGTGATGACGGAGGCGAGGCGCGCG
Exon 24
Exon 25
K/T
GAATA


4201
4225
4250
4275
4300
GR CGCGTGGTGCCACCGACACGACGCCGCGAACACGCCCTTCTAGCTCACGACCTCTCCAAGTACTACGGGAAACATCTCGCCGTAGACCAAGTCTCGTTTA
GR-1 CGCGTGGTGCCACCGACACGACGCCGCGAACACGCCCTTCTAGCTCACGACCTCTCCAAGTACTACGGGAAACATCTCGCCGTAGACCAAGTTTCGTTTA
GR-44 CGCGTGGTGCCACCGACACGACGCCGCGAACACGCCCTTCTAGCTCACGACCTCTCCAAGTACTACGGGAAACATCTCGCCGTAGACCAAGTTTCGTTTA
GR-45 CGCGTGGTGCCACCGACACGACGCCGCGAACACGCCCTTCTAGCTCACGACCTCTCCAAGTACTACGGGAAACATCTCGCCGTAGACCAAGTTTCGTTTA
GR-46 CGCGTGGTGCCACCGACACGACGCCGCGAACACGCCCTTCTAGCTCACGACCTCTCCAAGTACTACGGGAAACATCTCGCCGTAGACCAAGTTTCGTTTA
SP15 CGCGTGGTGCCACCGACACGCCGCAGCGAACACGCACTTCTCGCTCACGACCTCTCCAAGTACTACGGGAAACATCTCGCCGTAGACCAAGTCTCGTTTA
6-364 CGCGTGGTGCCACCGACACGCCGCAGCGACCACGCGCTTCTCGCTCACGACCTCTCCAAGTACTACGGGAAACATCTCGCCGTAGACCAAGTCTCGTTTA
6-798 CGCGTGGTGCCACCGACACGCCGCAGCGACCACGCGCTTCTCGCTCACGACCTCTCCAAGTACTACGGGAAACATCTCGCCGTAGACCAAGTCTCGTTTA
Exon 25
4301
4325
4350
4375
4400
GR GTGTGAACGACGGCGAATGCTTCGGTCTATTGGGTGTGAATGGTGCCGGAAAAACAACCACCTTCAAGATGCTGATGGGTGATGAGTCCATTTCAAGCGG
GR-1 GTGTGAACGACGGCGAATGCTTCGGTCTATTGGGTGTGAATGGTGCCGGAAAAACAACCACCTTCAAGATGCTGATGGGTGATGAGTCCATTTCAAGCGG
GR-44 GTGTGAACGACGGCGAATGCTTCGGTCTATTGGGTGTGAATGGTGCCGGAAAAACAACCACCTTCAAGATGCTGATGGGTGATGAGTCCATTTCAAGCGG
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Exon 26
4401
4425
4450
4475
4500
GR CGAGGCGTATGTCTCCGGGCACTCGGTGCAGAGGAATCTTGATAGAGTGCATGAGAATATTGGATATTGTCCGCAATTTGACGCATTATTTGGTGAGCTG
GR-1 CGAGGCGTATGTCTCCGGGCACTCGGTGCAGAGGAATCTTGATAGAGTACACGAGAATATTGGATATTGTCCGCAATTTGATGCATTATTTGGTGAGCTG
GR-44 CGAGGCGTATGTCTCCGGGCACTCGGTGCAGAGGAATCTTGATAGAGTACACGAGAATATTGGATATTGTCCGCAATTTGATGCATTATTTGGTGAGCTG
GR-45 CGAGGCGTATGTCTCCGGGCACTCGGTGCAGAGGAATCTTGATAGAGTACACGAGAATATTGGATATTGTCCGCAATTTGATGCATTATTTGGTGAGCTG
GR-46 CGAGGCGTATGTCTCCGGGCACTCGGTGCAGAGGAATCTTGATAGAGTACACGAGAATATTGGATATTGTCCGCAATTTGATGCATTATTTGGTGAGCTG
SP15 CGAGGCGTATGTCTCCGGGCACTCGGTGCAGAGGAATCTTGATAGAGTACACGAGAATATTGGATATTGTCCGCAATTTGACGCATTATTTGGTGAGCTG
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6-798 CGAGGCGTATGTCTCCGGGCACTCGGTGCAGAGGAATCTCGATAGAGTGCATGAGAATATTGGATATTGTCCGCAATTTGACGCATTATTTGGTGAGCTG
Exon 26
Exon 27
4501
4525
4550
4575
4600
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GR-1 ACGGGTCGCCAGACACTCCACATGTTTGCGTTGATGCGCGGCTTGCGTTTGCGCACTGCGGCGCCCTCAGCTGAAACACTCGCACATGCGCTTGGCTTCT
GR-44 ACGGGTCGCCAGACACTCCACATGTTTGCGTTGATGCGCGGCTTGCGTTTGCGCACTGCGGCGCCCTCAGCTGAAACACTCGCACATGCGCTTGGCTTCT
GR-45 ACGGGTCGCCAGACACTCCACATGTTTGCGTTGATGCGCGGCTTGCGTTTGCGCACTGCGGCGCCCTCAGCTGAAACACTCGCACATGCGCTTGGCTTCT
GR-46 ACGGGTCGCCAGACACTCCACATGTTTGCGTTGATGCGCGGCTTGCGTTTGCGCACTGCGGCGCCCTCAGCTGAAACACTCGCACATGCGCTTGGCTTCT
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6-364 ACGGGTCGCCAGACACTACACATGTTTGCGTTGATGCGCGGCTTGCGTTTGCGCACTGCGGCGCCCTCAGCTGAAACACTCGCACATGCGCTTGGCTTCT
6-798 ACGGGTCGCCAGACACTACACATGTTTGCGTTGATGCGCGGCTTGCGTTTGCGCACTGCGGCACCCTCAGCTGAAACACTCGCACATGCGCTTGGCTTCT
Exon 27
4601
4625
4650
4675
4700
GR TCAAACATCTCGATAAAAGGGTGCATCAGTATTCAGGCGGCACGAAACGCAAGCTTAACACGGCGATAGCATTCATGGGACGAACACGGCTTGTGTTTGT
GR-1 TCAAACATCTCGATAAAAGGGTGCATCAGTATTCAGGCGGCACGAAACGCAAGCTTAACACGGCGATAGCATTCATGGGACGAACACGGCTTGTGTTTGT
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Exon 27
Exon 28
4701
4725
4750
4775
4800
GR TGATGAGCCTACCACTGGAGTCGATCCCGCCGCTAAACGCCACGTATGGCGCGCTACCCGCGGCGTGCAGCGAGCAGGTCGCGGTGTGGTACTGACGTCA
GR-1 TGATGAGCCTACAACTGGAGTCGATCCCGCCGCTAAACGCCACGTATGGCGCGCTACCCGCGGCGTGCAGCGAGCAGGTCGCGGCGTGGTACTGACGTCA
GR-44 TGATGAGCCTACAACTGGAGTTGATCCCGCCGCTAAACGCCACGTATGGCGCGCTACCCGCGGCGTGCAGCGAGCAGGTCGCGGCGTGGTACTGACGTCA
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6-798 TGATGAGCCTACAACTGGAGTTGATCCCGCCGCTAAACGCCACGTATGGCGCGCTACCCGCGGCGTGCAGCGAGCAGGTCGCGGTGTGGTACTGACGTCA
Exon 28
Exon 29


4801 4825 4850 4875 4900
GR CACAGTATGGAGGAGTGCGAGGCGTTGTGTTCGCGACTGACCATCATGGTCAATGGTCGCTTCCAGTGTCTGGGCACGCCACAACATCTCAAGAACAAAT
GR-1 CACAGTATGGAGGAGTGCGAGGCGTTGTGTTCGCGACTGACCATCATGGTCAATGGTCGCTTTCAGTGTCTGGGCACGCCACAACATCTCAAGAACAAAT
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Exon 29
4901 4925 4950 4975 5000
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6-798 TTTCTCAAGGCTTTACGTTAATCATAAAAATGAAAACTGACGACAGTGAAAGTGACACACAGTCAGTAAACAGCACAACCAGCATAGTAGATAGTGTCAA
Exon 29 Exon 30 I/V
5001 5025 5050 5075 5100
GR ACTATACGTCTCTGAGAACTTTGAAAGTCCAAAGATAATGGAAGAATATCACGGTCTTCTGACTTACTACTTGCCTGACCGAAGCATGGCATGGTCACGA
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Exon 30 Exon 31
5101 5125 5150 5175 5200
GR ATGTTTGGTATAATGGAGCGCGCCAAACAGATCTTACAAATTGAGGACTACAGCATATCGCAGACTACCCTCGAACAAATATTCTTGCAGTTCACCAAAT
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6-798 ATGTTTGGTATCATGGAGCGCGCCAAACAGATCTTACAAATTGAGGACTACAGCATATCGCAGACTACCCTCGAACAAATATTCTTGCAGTTCACCAAAT
Exon 31
5201 5225
GR ACCAAAGAGAAGAAGGAACGACGTTA
GR-1 ACCAAAGAGAAGAAGGAACGACGTTA
GR-44 ACCAAAGAGAAGAAGGAACGACGTTA
GR-45 ACCAAAGAGAAGAAGGAACGACGTTA
GR-46 ACCAAAGAGAAGAAGGAACGACGTTA
SP15 ACCAAAGAGAAGAAGGAACGACGTTA
6-364 ACCAAAGAGAAGAAGGAACGACGTTA
6-798 ACCAAAGAGAAGAAGGAACGACGTTA
Exon 31