## Sheet1
| Transcript Name | In frame? | ORF | Figure | Novelty | Unnamed: 5 | Premature Stop Codon Information/Location |
| --- | --- | --- | --- | --- | --- | --- |
| delta 2; delta 7-8 | no | 291 bp | NaN | Known | NaN | located 72 bp from start of exon 3 out of 196 total bp |
| delta 2 | no | 291 bp | NaN | Known (Del2) | NaN | located 72 bp from start of exon 3 out of 196 total bp |
| delta 2-4; delta 7-8 | yes | 693 bp | NaN | Novel | NaN | located 24 bp from start of exon 10 out of 72 total bp |
| delta 2-4 | yes | 1671 bp | NaN | Novel | NaN | doesn’t appear to be a stop codon anywhere, ORF goes all the way to the end of exon 16 |
| FL | yes | 3405 bp | NaN | Known | NaN | located at the very end of exon 16 which has 104 total bp |
| PE2 3' S | no | 636 bp | NaN | Novel | NaN | located 40 bp from start of exon 3 out of 196 total bp |
| delta 7-8 | no | 2013 bp | NaN | Known (-β) | INS1: i4(1-38) | located 25 bp from start of exon 5 out of 180 total bp |
| delta 2; delta 5'E6; delta 7-8 | no | 291 bp | NaN | Known | del2 -alpha -beta combination | located 72 bp from start of exon 3 out of 196 total bp |
| delta 2; delta 7-8; delta 15 | no | 291 bp | NaN | Novel | NaN | located 72 bp from start of exon 3 out of 196 total bp |
| delta 5'E6 | yes | 3273 bp | NaN | Known (-α) | NaN | located 14 bp from start of exon 16 out of 136 total bp |
| delta 2; delta 7-8; i14 ret part | no | 291 bp | NaN | Novel | intron4 38bp = INS1, i14 159 bp i1(623-end) | located 72 bp from start of exon 3 out of 196 total bp |
| delta 2; delta 7-8; i14 ret tot | no | 291 bp | NaN | Novel | full i14 retention has been reported - i14 / 38bp i4 = INS1 | located 72 bp from start of exon 3 out of 196 total bp |
| delta 2-6 | yes | 1368 bp | NaN | Novel | NaN | doesn’t appear to be a stop codon anywhere, ORF goes all the way to the end of exon 16 |
| delta 2; delta 7-8; delta 11 | no | 291 bp | NaN | Known | NaN | located 72 bp from start of exon 3 out of 196 total bp |
| delta 2; i14 ret part (#32 delta2/ intron 14 retention) | no | 291 bp | NaN | Known | i14(159bp) has been reported in radmila, but combination of del2 has't | located 72 bp from start of exon 3 out of 196 total bp |
| delta 15 | yes | 3261 bp | NaN | Novel | NaN | located at the very end of exon 16 which has 104 total bp |
| PE2 5'; delta 7-8 | no | 450 bp | NaN | Novel | NaN | located 72 bp from start of exon 3 out of 196 total bp |
| i14 retention | yes | 3291 bp | NaN | Novel | Delta(136-end) has been repored but not 159bp | located 134 bp from start of 3' intron 14 that was retained, out of 159 total bp |
| delta 7-8; i14 ret part | yes | 2424 bp | NaN | Novel | NaN | located 24 bp from start of exon 10 out of 72 total bp |
| delta 2; delta 15 | no | 291 bp | NaN | Novel | Del15 hasn't been reported | located 72 bp from start of exon 3 out of 196 total bp |
| i14 exonization | yes | 3330 bp 3483 bp | NaN | Known | i14(623-705):83bp, i14(623-703):81bp both are in Radmila et al. | 1330 bp transcript: stop codon located 90 bp from start of exon 15 out of 138 total bp, 3483 bp transcript: no stop codon found |
| delta 2; delta 5'E6 | no | 291 bp | NaN | Known | Del2 + -alpha | located 72 bp from start of exon 3 out of 196 total bp |
| delta 2; delta 9-12 | no | 291 bp | NaN | Novel | 9-12 hasn't been reported | located 72 bp from start of exon 3 out of 196 total bp |
| long E2 (i2 ret); delta 7-8 | no? | 1725 bp | NaN | Known | i2(1-349) is in radmila | located 152 bp from start of 5' intron 2 out of 349 total bp |
| PE2 3'S; delta 7-8 | no | 264 bp | NaN | Novel | NaN | located 45 bp from start of 3' exon 2 out of 567 bp |
| delta 3-8 | yes | 1725 bp | NaN | Novel | Delta 2-8 has been reported | located 38 bp from start of exon 10 out of 72 bp |
| delta 2; delta 7-8; i13 exon | no | 291 bp | NaN | Novel | i13 hasn’t been reported | located 72 bp from start of exon 3 out of 196 total bp |
| delta 5'E6; delta 7-8 | yes | 2388 bp | NaN | Known | -alpha -beta | located 24 bp from start of exon 10 out of 72 total bp |
| delta 7-8; delta 15 | yes | 2424 bp | NaN | Novel | Delta 15 is novel | located 24 bp from start of exon 10 out of 72 total bp |
| delta 2-4; 5'E6 | yes | 1650 bp | NaN | Novel | NaN | doesn’t appear to be a stop codon anywhere, ORF goes all the way to the end of exon 16 (118 bp) |
| delta 2; delta 8 | no | 291 bp | NaN | Novel | Del8 is novel | located 72 bp from start of exon 3 out of 196 total bp |
| PE2 3'L | no | 171 bp | NaN | Novel | NaN | located 80 bp from start of 3' exon 2 out of 919 bp total |
| PE2 3' ES | one transcript in frame, one transcript out of frame | 2202 bp/201 bp | NaN | Novel | NaN | for the out of frame transcript - stop codon is located 98 bp from start of 3' exon 2 which has a total of 146 bp; for the in frame transcript - doesn’t appear to be a stop codon anywhere, ORF goes all the way to the end of exon 16 |
| delta 2; delta 7-8; i14 exon | no | 291 bp | NaN | Known | i14(623-705):83bp | located 72 bp from start of exon 3 out of 196 total bp |
| delta 7-8; i13 exon | yes | 2424 bp | NaN | Novel | i13 is novel | located 24 bp from start of exon 10 out of 72 total bp |
| delta 5-15 | yes | 1920 bp | NaN | Novel | NaN | doesn’t appear to be a stop codon anywhere, ORF goes all the way to the end of exon 16 (42 bp) |
| PE2 3' M | no | 279 bp | NaN | Novel | NaN | located 106 bp from start of 3' exon 2 out of 628 total bp |
| i2 5' exon; delta 7-8 | no | 153 bp | NaN | shouldn't exon1 be exist? | NaN | located 153 bp from start of 5' intron 2 out of 350 total bp |
| PE2 3'M; delta 7-8 | no | 828 bp | NaN | Novel | NaN | located 40 bp from start of exon 3 out of 196 total bp |
| delta 2; delta 4; delta 7-8 | no | 291 bp | NaN | Novel | NaN | located 72 bp from start of exon 3 out of 196 total bp |
| PE2 3'S; delta 15 | no | 594 bp | NaN | Novel | NaN | located 40 bp from start of exon 3 out of 196 total bp |
| delta 4-15 | yes | 1806 bp | NaN | Novel | NaN | doesn’t appear to be a stop codon anywhere, ORF goes all the way to the end of exon 16 (37 bp) |
| PE2 3'S; i2; delta 7-8 | no | 282 bp | NaN | Novel | NaN | located 105 bp from start of the first i2 exonization out of 312 total bp |
| delta 2-5; E6 part | no | 282 bp | NaN | Novel | NaN | located 17 bp from start of exon 8 out of 86 total bp |
| delta E2-E11 part | yes | 1632 bp | NaN | Novel | NaN | doesn’t appear to be a stop codon anywhere, ORF goes all the way to the end of exon 16 (125 bp) |

## Sheet2
| Transcript Name | ORF | Premature stop codon | Novelty | Figure |
| --- | --- | --- | --- | --- |
| delta 2; delta 7-8 | 291 bp | In exon 3 | Known | NaN |
| delta 2 | 291 bp | In exon 3 | Known (Del2) | NaN |
| delta 2-4; delta 7-8 | 693 bp | In exon 10 | Novel | NaN |
| delta 2-4 | 1671 bp | In-frame | Novel | NaN |
| FL | 3405 bp | In-frame | Known | NaN |
| PE2 3' S | 636 bp | In exon 3 | Novel | NaN |
| delta 7-8 | 2013 bp | In exon 5 | Known (-β) | NaN |
| delta 2; delta 5'E6; delta 7-8 | 291 bp | In exon 3 | Known | NaN |
| delta 2; delta 7-8; delta 15 | 291 bp | In exon 3 | Novel | NaN |
| delta 5'E6 | 3273 bp | In-frame | Known (-α) | NaN |
| delta 2; delta 7-8; i14 ret part | 291 bp | In exon 3 | Novel | NaN |
| delta 2; delta 7-8; i14 ret tot | 291 bp | In exon 3 | Novel | NaN |
| delta 2-6 | 1368 bp | In-frame | Novel | NaN |
| delta 2; delta 7-8; delta 11 | 291 bp | In exon 3 | Known | NaN |
| delta 2; i14 ret part | 291 bp | In exon 3 | Known | NaN |
| delta 15 | 3261 bp | In-frame | Novel | NaN |
| PE2 5'; delta 7-8 | 450 bp | In exon 3 | Novel | NaN |
| i14 retention | 3291 bp | In retained intron 14 | Novel | NaN |
| delta 7-8; i14 ret part | 2424 bp | In exon 10 | Novel | NaN |
| delta 2; delta 15 | 291 bp | In exon 3 | Novel | NaN |
| i14 exonization | 3483 bp | In-frame | Known | NaN |
| delta 2; delta 5'E6 | 291 bp | In exon 3 | Known | NaN |
| delta 2; delta 9-12 | 291 bp | In exon 3 | Novel | NaN |
| long E2 (i2 ret); delta 7-8 | 1725 bp | In retained intron 2 | Known | NaN |
| PE2 3'S; delta 7-8 | 264 bp | In exon 2 | Novel | NaN |
| delta 3-8 | 1725 bp | In exon 10 | Novel | NaN |
| delta 2; delta 7-8; i13 exon | 291 bp | In exon 3 | Novel | NaN |
| delta 5'E6; delta 7-8 | 2388 bp | In exon 10 | Known | NaN |
| delta 7-8; delta 15 | 2424 bp | In exon 10 | Novel | NaN |
| delta 2-4; 5'E6 | 1650 bp | In-frame | Novel | NaN |
| delta 2; delta 8 | 291 bp | In exon 3 | Novel | NaN |
| PE2 3'L | 171 bp | In exon 2 | Novel | NaN |
| PE2 3' ES | 2202 bp | In-frame | Novel | NaN |
| delta 2; delta 7-8; i14 exon | 291 bp | In exon 3 | Known | NaN |
| delta 7-8; i13 exon | 2424 bp | In exon 10 | Novel | NaN |
| delta 5-15 | 1920 bp | In-frame | Novel | NaN |
| PE2 3' M | 279 bp | In exon 2 | Novel | NaN |
| i2 5' exon; delta 7-8 | 153 bp | In retained intron 2 | Novel | NaN |
| PE2 3'M; delta 7-8 | 828 bp | In exon 3 | Novel | NaN |
| delta 2; delta 4; delta 7-8 | 291 bp | In exon 3 | Novel | NaN |
| PE2 3'S; delta 15 | 594 bp | In exon 3 | Novel | NaN |
| delta 4-15 | 1806 bp | In-frame | Novel | NaN |
| PE2 3'S; i2; delta 7-8 | 282 bp | In retained intron 2 | Novel | NaN |
| delta 2-5; E6 part | 282 bp | In exon 8 | Novel | NaN |
| delta E2-E11 part | 1632 bp | In-frame | Novel | NaN |