

Gene: Welland - Sequence: NG_Welland.1

Date : February 9, 2015

1st line: Base numbering. Full stops for intronic +/- 5, 10, 15...

2nd line: Base sequence. lower case Introns, upper case Exons

3rd line: Amino acid sequence. Printed on FIRST base of codon

4th line: Amino acid numbering. Numbered on 1st and increments of 10

Exon 1 | Start: 801 | End: 1020 | Length: 219

gaaaagaaaagaaaagaaaagaaaagaaaagaaaagaaaagaaaagaaaagaaaagaaa

gaaaagaaaagaaaagaaaagaaaagaaaagaaaagaaaagaaaagaaaagaaaagaaa

.
gaaaagaaaagaaaagaaaagaaaagaaaagaaaagaaaagaaaagaaaagaaa

gaaaagaaaagaaaagaaaagaaaagaaaagaaaagaaaagaaaagaaaagaaaagaaa

.
gaaaagaaaagaaaagaaaagaaaagaaaagaaaagaaaagaaaagaaaagaaaag

|-269 |-259 |-249 |-239 |-229 |-219
ACGTACGTACGTACGTACGTACGTACGTACGTACGTACGTACGTACGTACGT

|-209 |-199 |-189 |-179 |-169 |-159
ACGTACGTACGTACGTACGTACGTACGTACGTACGTACGTACGTACGTACGT

| -149 | -139 | -129 | -119 | -109 | -99
ACGTACGTACGTACGTACGTACGTACGTACGTACGTACGTACGTACGTACGTACGTACGTACGT

| -89 | -79 | -69 | -59
 ACGTACGTACGTACGTACGTACGTACGTACGTACGTACGTaaaagaaaagaaaagaaaag

aaaagaaaagaaaagaaaagaaaagaaaagaaaagaaaagaaaagaaaagaaaagaaaag

aaaagaaaagaaaagaaaagaaaagaaaagaaaagaaaagaaaagaaaagaaaag

Exon 2 | Start: 1621 | End: 1779 | Length: 158

2

|231 |241 |251 |261 |271 |+1
ACGTACGTACGTACGTACGTACGTACGTACGTACGTACGTACGTACGTACGTATAAACGT
X Y Z A B C D E F G H I J K L M *
 |81 |91

|+11 |+21 |+31 |+41 |+51 |+61
ACGTACGTACGTACGTACGTACGTACGTACGTACGTACGTACGTACGTACGTACGTACGT

|+71 |+81 |+91 |+101
 ACGTACGTACGTACGTACGTACGTACGTACGTACGTaaaagaaaagaaaagaaaagaaaa

.
gaaaagaaaagaaaagaaaagaaaagaaaagaaaagaaaagaaaagaaaagaaaag

.
gaaaagaaaagaaaagaaaagaaaagaaaagaaaagaaaagaaaagaaaagaaaagaaaagaaaag

. . .
gaaaagaaaagaaaagaaaagaaaagaaaagaaaagaaaagaaaagaaaagaaaag

Figure 6-9

.
gaaaagaaaagaaaagaaaagaaaagaaaagaaaagaaaagaaaagaaaagaaaag

gaaaagaaaagaaaagaaaagaaaagaaaagaaaag