Gene: Welland - Sequence: NG_Welland.1 Date : February 9, 2015

1^{st} line: Base numbering. Full stops for intronic $+/$ - 5, 10, 15 2^{nd} line: Base sequence. lower case Introns, upper case Exons 3^{rd} line: Amino acid sequence. Printed on FIRST base of codon 4^{th} line: Amino acid numbering. Numbered on 1^{st} and increments of 10										
Exon 1 Start: 801 End: 1020 Length: 219										
-269 -259 -249 -239 -229 -219 ACGTACGTACGTACGTACGTACGTACGTACGTACGTACGT										
-209 -199 -189 -179 -169 -159 ACGTACGTACGTACGTACGTACGTACGTACGTACGTACGT										
-149 -139 -129 -119 -109 -99 ACGTACGTACGTACGTACGTACGTACGTACGTACGTACGT										
-89 -79 -69 -59 ACGTACGTACGTACGTACGTACGTACGTACGTACGTACGT										

Exon 2 Start: 1621 End: 1779 Length: 158
-49 -39 -29 -19 -9 1 ACGTACGTACGTACGTACGTACGTACGTACGTACGTACGT
11
71

aaag	aaa	agaa	aaag	gaaa	ıagaa	aaga	aaa	.gaaa	aag	aaa	agaa	aaga	aaa	agaa	aaga	aaa	ga
aaag	aaa	agaa	aaag	gaaa	ıagaa	aaga	.aaa	.gaaa	aag	aaa	agaa	aaga	aaa	agaa	aaga	aaa	ga
aaag	aaa	agaa	aaag	gaaa	lagaa	aaga	.aaa	.gaaa	aag	aaa	agaa	aaga	aaa	agaa	aaga	aaa	ga
aaag	aaa	agaa	aaag	gaaa	Iagaa	aaga	.aaa	.gaaa	aag	aaa	agaa	aaga	aaa	agaa	aaga	aaa	ga
aaagaaaagaaaagaaaagaaaagaaaagaaaagaaaagaaaa																	
Exon	. 3	St	tart	:: 2	380	En	.d:	265!	5 I	Le	ngth	: 27	75				
gaaa	.aga	aaag	gaaa	ıaga	ıaaag	aaaa	.gaa	laaga	aaa	aga	aaag	aaaa	aga	aaag	aaaa	gaa	aa
gaaa	.aga	aaag	gaaa	laga	ıaaag	aaaa	.gaa	laaga	aaa	aga	aaag	aaaa	aga	aaag	aaaa	gaa	aa
gaaa	.aga	aaag	gaaa	laga	ıaaag	aaaa	.gaa	laaga	aaa	aga	aaag	aaaa	aga	aaag	aaaa	gaa	aa
gaaa	.aga	aaag	gaaa	laga	ıaaag	aaaa	.gaa	laaga	aaa	aga	aaag	aaaa	aga	aaag	aaaa	gaa	aa
gaaa	.aga	aaag	gaaa	laga	ıaaag	aaaa	.gaa	laaga	aaa	aga	aaag	aaaa	aga	aaag	aaaa	gaa	aa
	'ACG	111 TAC(L	GTAC		121 CGTA O P 41	CGTA	.CGT			GTA		CGTA	ACG K		TACG	TAC	
ACGT D	'ACG	171 TAC(F	GTAC		181 CGTA I J 61	CGTA	.CGT	'ACG'	TAC	GTA	CGTA	CGTA	ACG {	211 TACG S T 71	TACG	TAC	GΤ

•	231 ACGTACGTA	241 ACGTACGTA	-	261	-	+1 TATAAACGT
			F G H		L M *	
-	-	-		+41 CGTACGTACO	-	+61 TACGTACGT
•	-	-	91 CGTACGTAC		aaagaaaag	aaaagaaaa
 gaaaagaaa	 aagaaaaga	aaagaaaa	 gaaaagaaa	 agaaaagaa	 aaagaaaag	aaaagaaaa
· · gaaaagaaa	 aagaaaaga	aaagaaaa	· · gaaaagaaa	agaaaagaa	naagaaaag	aaaagaaaa
 gaaaagaaa	aagaaaaga	aaagaaaa	gaaaagaaa	· agaaaagaa	aaagaaaag	aaaagaaaa
gaaaagaaa	aagaaaaga	aaagaaaa	 gaaaagaaa	agaaaagaa	aaagaaaag	aaaagaaaa
gaaaagaaa	 aagaaaaga	aaagaaaa	 gaaaagaaa	nag		