

	10	20	30	40	50	60	70	80	90
gHJ-MA-1/1-91	- - - G T T T T T A G T T T A G G G G C A G A T A A A C A A T T A T	C A C T G T G	- - A T T A C T A T T T C G A C T A C T G G G G G A A A G G G A C C C A A G T C A C G A T A A C T I C T G G T						
gHJ-MA-2/1-91	- T G A T T T T A T A T G A A G T A T T G G T C A G A C C - - A T T	C A C T G T G	- - A C A A C T A C T T T G A C T A C T G G G G G A A A G G G A C C A T G G T G A C C G T G T C C A C A G G T						
gHJ-MA-3/1-91	- - G T T T T T G T G C G T T G C A C G T A T T G A A A G A T - T G	C A C T G T G	- - A C A A T G C T T T T G A C C A C T G G G G G A A A G G C A C A A T G G T T A C C G T T T C A T C A G G T						
gHJ-MA-4/1-92	- - G T T T T T G T G C A T A G C C T G T A T T G G T T A T T - T G	C A C T G T G	- - A C T A C G G T T T T G A C T A C T G G G G G A A A G G G A C A A T G G T T A C A G T T T C A T C A G G T						
gHJ-MA-5/1-91	- - - T T T T T A T A C C A C T T G T T A A G G T A A T T G A A - -	C A C A G T G C T A C G C T G C T T T T G A C T A C T G G G G T C A G G G T A C A A T A G T A A C C G T T T C A T T A G G T							
gHJ-MB-1/1-91	- - - G T T T T T A G T T T A G G G G C A G A T A A A C A A T T A T	C A C T G T G	- - A T T A C T A T T T C G A C T A C T G G G G G A A A G G G A C C C A A G T C A C G A T A A C T I C T G G T						
gHJ-MB-2/1-90	- - G A T T T T T G T A C G A A G T A T T G G T C A G A C C - - A T T	C A C T G T G	- - A C A A C T A C T T T T G A C T A C T G G G G G A A A G G G A C C A T G G T G A C C G T G T C C A C A G G T						
gHJ-MB-3/1-91	- - G T T T T T G T G C G T T G C A C G T A T T G A A A G T T - T G	C A C T G T G	- - A C C A T G C T T T T G A C T A C T G G G G G A A A G G C A C A A T G G T T A C C G T T T C A T C A G G T						
gHJ-MB-4/1-91	- - G T T T T T G T G C A T A G C C T G T A T T G G T T A T T - T G	C A C T G T G	- - A C T A C G G T T T T G A C T A C T G G G G G A A A G G G A C A A T G G T T A C A G T T T C A T C A G G T						
gHJ-MB-5/1-92	- - C T T T T T A T A C C A C T T G T T A A G G T A A T T A A A C A	C A G T G C T - A C G C T G C T T T T G A C T A C T G G G G T C A G G G T A C A A T A G T A A C C G T T T C A T T A G G T							
gHJ-TA1a-1/1-90	G T G T T T T T G T A C A G G C A T T G A A T G G A G - A C A T A G	C A C T G T G - - - A T G C T T T T G A C T A C T G G G G T A A A G G G A C A C A A G T C A C C G T C T C A A C A G G T							
gHJ-TA1a-2/1-93	- - G T T T T T G T A T T G C T T G G C A T A T G C C T C T G T A A	C A T T G T G - T A T G G A T A C T T T T G A C T A T T G G G G G A A A G G G A C A C T G G T C A C A G T A T C A T C A G G T							
gHJ-TA3-1/1-93	- - G T T T T T G T A T T G C T T G G C A T A T G C C C T T G T C A	C A C T G T G - T A T G G A T A C T T T T G A C T A T T G G G G G A A A G G A A C A A T G A T C A C A G T A T C G T C A G G T							
gHJ-TA3-2/1-88	- - G T T T T T G T A C A G G C A G T G A A T G G A G - A C A T A T	C A T T G T G - - - - A T G C T T T T G A C T A C T G G G G T A A A G G G A C A C A A G T C A C C A T C T C A A C A G G T							
gHJ-TA4-1/1-93	- - G T T T T T G T A T T G C T T G G C A T A T G C C T C T G T A A	C A T T G T G - T A T G G A T A C T T T T G A C T A T T G G G G G A A A G G G A C A C T G G T C A C A G T A T C A T C A G G T							
gHJ-TA4-2/1-88	- - G T T T T T G T A C A G G C A T T G G A T G G A G A C - A T A G	C A C T G T G - - - - A T G C T T T T G A C T A C T G G G G T A A A G G G A C A C A A G T C A C C G T C T C A A C A G G T							
gHJ-TA5-1/1-93	- - A T T T T T G T A T T G C T T G G C A T A C G C C C T T G T C A	C G C T G T G - T A T A G C T A C T T T T G A C T A T T G G G G G A A A G G G A C A A T G G T C A C A G T C T C A T C A G G T							
gHJ-TB1-1/1-93	- - A A T T T T T G T A T T G C T T G G C A T A T G C C C T T G T C A	C A C T G T G - T A T G G A T A C T T T T G A C T A T T A G G A G A A A G G G A C A A T G A T C A C A G T A T C A T C A G G T							
gHJ-TB2-1/1-88	- - G T T T T T G T A C A G G T A G T G A A T G G A G - A C A T A G	C A C T G T G - - - - A C G C T T T T G A C T A C T G G G G T A A A G G G A C A C A A G T C A C C G T C T C A A C A G G T							
gHJ-TB2-2/1-93	- - G T T T T T G T A T T G C T T G G C A T A T G C C C T T G T C A	C A C T G T G - T A T G G A T A C T T T T G A C T A T T G G G G G A A A G G G A C A A T G A T C A C A G T A T C A T C A G G T							

Consensus

- T G T T T T T G T A C T G C T T G T + A A T T G A A C A T + T A + C A C T G T G - T A + G A C + A T T T T G A C T A C T G G G G G A A A G G G A C A A T G G T C A C C G T A T C A T C A G G T