

	IGHG				IGHA		IGHM	Overall
	IgG3	IgG1	IgG2	IgG4	IgA1	IgA2	IgM	
<b>Transitions (%)</b>	1,096 / 1,961 (55.89)	19,903 / 38,254 (52.03)	56,134 / 104,907 (53.51)	3,219 / 6,289 (51.18)	103,725 / 195,224 (53.13)	15,247 / 28,589 (53.33)	27,647 / 48,126 (57.45)	226,971 / 423,350 (53.61)
<b>Transversions (%)</b>	865 / 1,961 (44.11)	18,351 / 38,254 (47.97)	48,773 / 104,907 (46.49)	3,070 / 6,289 (48.82)	91,499 / 195,224 (46.87)	13,342 / 28,589 (46.67)	20,479 / 48,126 (42.55)	196,379 / 423,350 (46.39)
<b>Transitions at G.C (%)</b>	658 / 1,142 (57.62)	11,654 / 22,038 (52.88)	31,824 / 59,570 (53.42)	1,893 / 3,606 (52.5)	60,050 / 112,136 (53.55)	8,613 / 16,174 (53.25)	16,142 / 28,475 (56.69)	130,834 / 243,141 (53.81)
<b>Targeting of G.C (%)</b>	1,142 / 1,961 (58.24)	22,038 / 38,254 (57.61)	59,570 / 104,907 (56.78)	3,606 / 6,289 (57.34)	112,136 / 195,224 (57.44)	16,174 / 28,589 (56.57)	28,475 / 48,126 (59.17)	243,141 / 423,350 (57.43)
<b>RGYW (%)</b>	289 / 1,961 (14.74)	5,989 / 38,254 (15.66)	15,543 / 104,907 (14.82)	991 / 6,289 (15.76)	28,676 / 195,224 (14.69)	4,315 / 28,589 (15.09)	8,340 / 48,126 (17.33)	64,143 / 423,350 (15.15)
<b>WRCY (%)</b>	212 / 1,961 (10.81)	3,643 / 38,254 (9.52)	9,655 / 104,907 (9.2)	588 / 6,289 (9.35)	19,107 / 195,224 (9.79)	2,578 / 28,589 (9.02)	4,854 / 48,126 (10.09)	40,637 / 423,350 (9.6)
<b>WA (%)</b>	311 / 1,961 (15.86)	6,098 / 38,254 (15.94)	17,846 / 104,907 (17.01)	918 / 6,289 (14.6)	31,150 / 195,224 (15.96)	4,846 / 28,589 (16.95)	7,957 / 48,126 (16.53)	69,126 / 423,350 (16.33)
<b>TW (%)</b>	166 / 1,961 (23.78)	3,376 / 38,254 (22.99)	9,347 / 104,907 (21.34)	577 / 6,289 (25.45)	16,962 / 195,224 (22.91)	2,597 / 28,589 (21.81)	4,130 / 48,126 (19.86)	37,155 / 423,350 (22.09)
<b>FR (R/S)</b>	567 : 431 (1.32)	10,635 : 7,834 (1.36)	27,412 : 20,442 (1.34)	1,795 : 1,343 (1.34)	54,037 : 40,570 (1.33)	7,524 : 5,502 (1.37)	12,292 : 8,924 (1.38)	114,262 : 85,046 (1.34)
<b>CDR (R/S)</b>	698 : 265 (2.63)	14,683 : 5,102 (2.88)	43,791 : 13,262 (3.3)	2,267 : 884 (2.56)	74,040 : 26,577 (2.79)	11,905 : 3,658 (3.25)	20,792 : 6,118 (3.4)	168,176 : 55,866 (3.01)