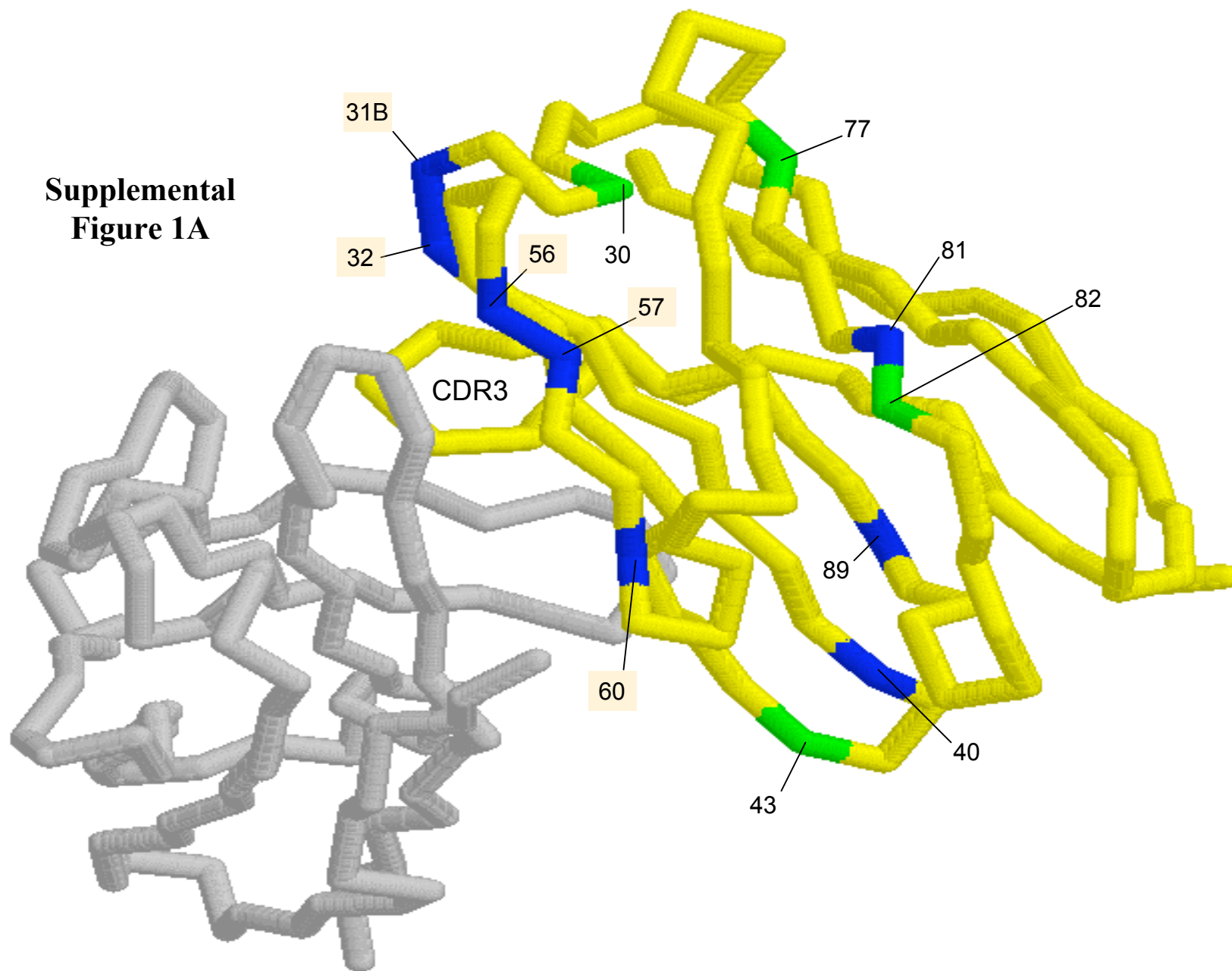


Supplemental Table 1: CISCSF B cell Repertoire Source Comparison			
Cell Source	CISCSF CD19 ⁺	CISCSF CD19 ⁺ + CD138 ⁺	p value
VH1	9.9	8.9	NS
VH2	5.3	7.0	NS
VH3	56.0	47.5	0.02
VH4	26.5	35.0	0.01
JH1	2.7	2.5	NS
JH2	3.7	2.6	NS
JH3	11.6	11.2	NS
JH4	44.9	42.9	NS
JH5	15.0	14.0	NS
JH6	22.3	26.8	NS
% of mutated codons resulting in a replacement ^a	68.4	68.4	NS
MF ^b	5.3	5.7	<0.001
Abbreviations used in this table: CIS=clinically isolated syndrome; CSF=cerebrospinal fluid; RF=replacement frequency; MF=mutational frequency; NS=not significant ^a Number of mutated codons causing replacement divided by the number total mutated codons (replacement and silent) ^b Number of mutations divided by read length (codons 31 through 93 for both calculations)			

**Supplemental
Figure 1A**



**Supplemental
Figure 1B**

