

Table III: Localisation and evaluation of differences between 43RCA framework regions, and those coded by 43RCA most similar human germline genes

Differences between 43RCA VH and VL framework amino acids, and those coded by most similar human genes, are evaluated on a 5-level scale (from identical to very dissimilar, see text) and located in each framework region.

	Total	Identical	Very similar (+++)	Similar (++), (++-)	Dissimilar (--), (-+), (+- -)	Very dissimilar (- - -)
VH						
FR1-IMGT	25	23	0	2	0	0
FR2-IMGT	17	14	0	1	0	2
FR3-IMGT	38	34	0	1	3	0
FR4-IMGT	11	9	0	1	0	1
FR-IMGT	91	80	0	5	3	3
V-KAPPA						
FR1-IMGT	26	24	1	1	0	0
FR2-IMGT	17	15	0	0	2	0
FR3-IMGT	36	33	0	1	1	1
FR4-IMGT	10	10	0	0	0	0
FR-IMGT	89	82	1	2	3	1
All FR-IMGT VH and V-KAPPA	180 (%)	162 90%	1 0.56 %	7 3.89 %	6 3.33 %	4 2.22 %