

Tab. S1: Overview of identified clonal/most dominant rearrangements of the heavy and light chain.

Productive rearrangements are highlighted in black, other functionalities are unproductive, potentially productive or unknown (IGKde) and seen in grey color. The percentages refer only to the respective primer pool and were not calculated across all rearrangements.

Case	Heavy Chain		Light Chain	
	Clonal rearrangement	%	Clonal rearrangement	%
Burkitt lymphoma (n = 4)				
32	V3-74 / J4	88.9	V2-30 / J5	75.5
	D2-2 / J5	94.0		
34	V4-34 / J5	74.5	V2-28 / J4	71.1
	V1-3 / J6	20.3	intron / Kde	24.3
35	V4-39 / J5	80.0	V3-11 / J4	80.9
	D2-8 / J6	78.4		
38	V4-30 / J6	93.7	V1-27 / J1	95.2
Diffuse large B-cell lymphoma (n = 16)				
5	D4-23 / J6	83.5	V1-17 / J1	36.4
	V2-70 / J6	17.7		
10	V4-31=V4-34 / J6	1.1	V2-30 / J4	1.0
15	D3-10 / J5	94.2	V1-39 / J1	54.3
16	V4-34 / J4	93.3	V2-26 / J3	54.4
			V2-28 / Kde	28.5
19	V4-34 / J4	84.6	V4-1 / J4	50.7
	D3-10 / J6	94.6	V1-33 / J2	31.6
37	V4-34 / J4	50.0	V1-12 / J3	51.9
			V3-11 / J1	45.6
44	D1-7=D1-20 / J4	91.1	V1-5 / J1	80.7
	V3-30=V3-33 / J6	46.4		
46	V3-66 / J4	84.8	V2-30 / J3	48.6
49	V4-34 / J4	95.5	V3-20 / J2	24.1
			V3-20 / J2	85.0
52	V3-11 / J6	30.7	V3-20 / J5	49.0
			V1-6 / Kde	21.0
53	V3-66 / J4	66.7	V7-3 / Kde	70.2
			V3-15 / J1	25.2
57	V3-49 / J2	20.2	V1-37 / Kde	58.2
	V4-38 / J5	17.9	V1-6 / Kde	35.5
58	D2-15 / J4	53.8	V4-1 / J2	40.8
	D2-2 / J4	16.5	V2-26 / J2	35.4
64	V3-43 / J6	89.6	V1-8 / Kde	72.0
	D1-20 / J6	94.0		
65	V3 / J6	78.3	V2-28 / J3	44.0
	D5-12 / J4	86.5	V1-8 / Kde	30.5
66	D2-15 / J3	94.6	V3-11 / J5	50.4
High-grade B-cell lymphoma DH (n = 8)				
6	D2-15 / J4	90.2	V3-20 / J5	89.3
	V3-15 / J4	19.5		
9	V1-18 / J4	40.0	V1-33 / J3	44.3
	V3-48=V3-69 / J4	39.1	V1-8 / J4	43.0
12	V3-66 / J4	61.5	V1-5 / J2	87.6
13	n.a.	n.a.	n.a.	n.a.
21	V3-23 / J4	67.6	V1-39 / J3	56.6
	V3-23 / J4	20.3	V1-5 / Kde	39.3
28	V3-74 / J5	96.3	V2-29 / Kde	43.4
			V3-20 / Kde	35.2
55	V3-23 / J4	36.0	V3-11 / J5	49.2
	D2-2 / J6	65.5	V1-33 / J3	37.5
68	V3-48=V3-69 / J4	4.7	V1-27 / J5	7.7
High-grade B-cell lymphoma NOS (n = 6)				
17	D3-9 / J6	85.2	V2-29=V2-26 / J3	60.6
	V4-34 / J4	27.8		
30	V4-34 / J4	93.3	V1-39 / J2	48.3
	D1-26 / J3	93.6	V2-28 / J5	47.9
36	V3-30=V3-33 / J4	92.8	V2-29 / Kde	91.3
	D1-7 / J5	94.2		
42	V3-53 / J6	42.2	V3-11 / J3	77.4
	V3-30=V3-33=V3-66 / J4	33.1	intron / Kde	18.0
48	D3-3 / J6	54.7	V2-30 / J2	28.8
	D3-3 / J6	39.9		
62	V4-34 / J6	55.2	V4-1 / J3	54.1
	V1-3=V1-46 / J5	37.9	V1-33 / Kde	18.1