Supplemental Table II. Vκ subgroup assignments for transcripts

% Vκ transcripts assigned to subgroup[a]:	CONTROL TREATED MICE					PpL TREATED MICE					
With conserved PpL motif	**1**	**2**	**3**	**4**	**Mean (±SD)**	**5**	**6**	**7**	**8**	**Mean (±SD)**	***p*-value (two tailed t-test)[b]**
Vκ3	9.7	7.4	11.0	10.0	9.5±1.5	0.6	6.0	6.5	0.5	3.4±3.3	**0.03**
Vκ5	5.0	1.9	3.7	1.7	3.1±1.9	0.3	7.6	0.6	2.4	2.7±3.4	0.86
Vκ8	7.9	12.5	10.5	10.7	10.4±1.9	2.3	2.6	5.5	4.8	3.8±1.6	**0.003**
Vκ9	3.4	4.8	3.0	4.1	3.8±0.8	0.2	0.8	2.8	0.4	1.1±1.2	**0.01**
Vκ12	17.5	11.8	5.5	10.3	11.3±4.9	1.5	2.3	16.6	1.7	5.5±7.4	0.25
Vκ14	5.6	5.2	5.2	3.6	4.9±0.9	2.5	1.0	0.9	2.6	1.8±0.9	**0.004**
Vκ19	1.1	0.4	1.1	3.5	1.5±1.4	0.5	0.1	0.5	0.04	0.3±0.2	0.17
Total % conserved PpL	**50.2**	**44.0**	**40.0**	**43.9**	**44.5±4.2**	**7.9**	**20.4**	**33.4**	**7.9**	**18.5±11.2**	**0.02**
Without conserved PpL motif											
Vκ1	13.5	20.7	8.6	15.5	14.6±5	58.6	23.6	21.9	27.8	33.0±17.3	0.13
Vκ2	2.0	2.3	8.2	1.8	3.6± 3.1	6.0	9.7	3.1	10.2	7.2±3.3	0.17
Vκ4	14.2	10.7	12.7	11.0	12.2±1.6	6.0	18.1	15.5	18.4	14.5±5.8	0.49
Vκ6	6.4	12.7	22.2	15.0	14.1±6.5	13.3	23.6	20.6	24.0	20.4±5.0	0.18
Vκ7	0.1	0.09	0.8	0.2	0.3±0.3	0.2	0.01	0.0	0.2	0.1±0.1	0.35
Vκ10	3.0	2.6	3.2	4.7	3.4±0.9	6.5	3.0	3.5	5.1	4.5±1.6	0.28
Vκ11	0.1	0.01	0.02	0.0	0.03±0.05	0.5	0.1	0.03	0.04	0.2±0.2	0.32
Vκ13	0.3	0.1	0.4	0.1	0.2±0.2	0.5	0.5	0.4	0.5	0.5±0.1	**0.05**
Vκ15	1.2	4.0	2.7	4.7	3.2±1.5	0.3	0.2	1.0	0.2	0.4±0.4	**0.04**
Vκ16	0.5	1.0	0.3	2.0	1±0.8	0.0	0.3	0.3	0.6	0.3±0.2	0.20
Vκ17	8.4	1.6	0.9	0.9	3±3.6	0.5	0.4	0.2	0.2	0.3±0.2	0.25
Vκ18	0.03	0.02	0.01	0.08	0.04±0.03	0.0	0.0	0.0	0.0	0.0	-
Vκ20	0.01	0	0.005	0.0	0.004±0.005	0.0	0.0	0.02	0.0	0.005±0.01	0.83
Total % without a PpL motif	**49.7**	**55.8**	**59.9**	**56.0**	**55.4±4.2**	**92.4**	**79.5**	**66.5**	**87.2**	**81.4±11.3**	**0.02**
Total Vκ assigned transcripts:	13766	15527	23425	3979		649	15146	6645	5634		

[a] Results from analysis of 454 sequencing of four libraries from four control-treated mice (Library 1-4) and four libraries from four PpL-treated mice (Library 5-8). Results are presented as % transcripts assigned to a Vκ subgroup.

[b] The two groups were compared by two-tailed Welch's t-test assuming unequal variances.