

Supplemental Table S4: YVL-BR specific and GLC-BM specific TRAV and TRBV dominant motifs in persistent, non-persistent and *de novo* clonotypes.

A. YVL-BR specific TRAV (persistent clonotypes)

T cell receptor:		Valpha											
Motif sequence:		Persistent "VKDTDK" (9-mer)											
Sample name:		E1603				E1632				E1655			
Phase of infection:		AIM		CONV		AIM		CONV		AIM		CONV	
Frequency of all copies (reads):		32.37% (1,238,327/3,824,852)		42.29% (1,426,296/3,372,293)		12.66% (1,533,671/12,114,592)		15.87% (1,529,404/9,637,298)		81.82% (328,595/401,597)		1.08% (81,139/ 7,472,186)	
Frequency of all unique clonotypes:		21.95% (36/164)		21.95% (36/164)		15.71% (71/452)		15.71% (71/452)		6.21% (25/402)		6.21% (25/402)	
Family usage (%):		TRAV	TRAJ	TRAV	TRAJ	TRAV	TRAJ	TRAV	TRAJ	TRAV	TRAJ	TRAV	TRAJ
(% of usage of all other families detected for this sample)		AV8-1 (97.22%)	AJ34-1 (94.44%)	AV8-1 (97.22%)	AJ34-1 (94.44%)	AV8-1 (95.77%)	AJ34-1 (88.73%)	AV8-1 (95.77%)	AJ34-1 (88.73%)	AV8-1 (80%)	AJ34-1 (76%)	AV8-1 (80%)	AJ34-1 (76%)
		AV12-2 (2.78%)	AJ45-1 (5.56%)	AV12-2 (2.78%)	AJ45-1 (5.56%)	AV25 (1.4%)	AJ32-1 (2.81%)	AV25 (1.4%)	AJ32-1 (2.81%)	AV12-2 (16%)	AJ50-1 (8%)	AV12-2 (16%)	AJ50-1 (8%)
						AV14-1 (1.4%)	AJ30-1 (5.66%)	AV14-1 (1.4%)	AJ30-1 (5.66%)	AV21-1 (4%)	AJ32-1 (4%)	AV21-1 (4%)	AJ32-1 (4%)
						AV3-1 (1.4%)	AJ59 (1.4%)	AV3-1 (1.4%)	AJ59-1 (1.4%)		AJ26-1 (4%)		AJ26-1 (4%)
							AJ37 (1.4%)		AJ37-1 (1.4%)		AJ3-1 (8%)		AJ3-1 (8%)

B. YVL-BR specific TRAV (non-persistent clonotypes)

T cell receptor:		Valpha											
Motif sequence:		Non-Persistent "VKDTDK" (9-mer)											
Sample name:		E1603				E1632				E1655			
Phase of infection:		AIM		CONV		AIM		CONV		AIM		CONV	
Frequency of all copies (reads):		8.02% (147,408/1,835,880)		not applied		5.14% (185,175/3,602,802)		not applied		5.74% (792,204/13,797,945)		not applied	
Frequency of all unique clonotypes:		8.09% (159/1965)		not applied		4.71% (219/4,641)		not applied		2.17% (196/9,021)		not applied	
Family usage (%):		TRAV	TRAJ	TRAV	TRAJ	TRAV	TRAJ	TRAV	TRAJ	TRAV	TRAJ	TRAV	TRAJ
(% of usage of all other families detected for this sample)		AV8-1 (82.39%)	AJ34-1 (94.96%)	not applied		AV8-1 (82.19%)	AJ34-1 (90.84%)	not applied		AV8-1 (91.84%)	AJ34-1 (92.86%)	not applied	
		AV12-2 (13.20%)	AJ32 (1.88%)			AV12 (11.87%)	AJ46 (1.37%)			AV12 (2.04%)	AJ30 (1.02%)		
		AV3 (1.88%)	AJ30 (1.25%)			AV21-1 (2.28%)	AJ32 (1.37%)			AV39-1 (1.02%)	AJ20 (1.02%)		
		AV6 (1.25%)	AJ39 (0.62%)			AV14-1 (1.37%)	AJ31-1 (1.37%)			AV21 (1.02%)	AJ10 (1.02%)		
		AV25-1 (0.62%)	AJ20 (1.24%)			AV3 (0.91%)	AJ39-1 (0.91%)			AV5 (1.02%)	AJ59 (0.51%)		
		AV21-1 (0.62%)				AV23-1 (0.45%)	AJ37-1 (0.91%)			AV3 (1.02%)	AJ46 (0.51%)		
						AV16-1 (0.45%)	AJ20 (0.91%)			AV29 (0.51%)	AJ37 (0.51%)		
						AV6 (0.45%)	AJ3 (0.91%)			AV23 (0.51%)	AJ36 (0.51%)		
							AJ44 (0.45%)			AV19 (0.51%)	AJ32 (0.51%)		
							AJ27-1 (0.45%)			AV13 (0.51%)	AJ26-1 (0.51%)		
							AJ14-1 (0.45%)				AJ23 (1.2%)		

C. YVL-BR specific TRAV (*de novo* clonotypes)

T cell receptor:		Valpha											
Motif sequence:		De novo "VKNTDK" (9-mer)											
Sample name:		E1603				E1632				E1655			
Phase of infection:		AIM		CONV		AIM		CONV		AIM		CONV	
Frequency of all copies (reads):		not applied		0.0035% (65/1,835,880)		not applied		0.00094% (34/3,602,802)		not applied		0.00025% (34/13797945)	
Frequency of all unique clonotypes:		not applied		0.4% (8/1,965)		not applied		0.24% (11/4,641)		na		0.055% (5/9,021)	
Family usage (%):		TRAV	TRAJ	TRAV	TRAJ	TRAV	TRAJ	TRAV	TRAJ	TRAV	TRAJ	TRAV	TRAJ
(% of usage of all other families detected for this sample)		not applied		AV8-1 (100%)	AJ34-1(100%)	not applied		AV8-1 (100%)	AJ34-1 (90.9%) AJ37-1 (9.1%)	not applied		AV8-1 (100%)	AJ34-1(100%)

I. GLC-BM specific TRBV (persistent clonotypes)

T cell receptor:	Vbeta											
Motif sequence:	Persistent "SQSPGG" (11-mer)											
Sample name:	E1603				E1632				E1655			
Phase of infection:	AIM		CONV		AIM		CONV		AIM		CONV	
Frequency of all copies (reads):	not found		not found		31.22% (5,349,199/17,132,769)		4.26% (214,440/5,029,504)		47.86% (4,665,421/9,746,758)		8254039 / 15050633 = 54.841806%	
Frequency of all unique clonotypes:	not found		not found		5.35% (19/355)		5.35% (19/355)		22.95% (202/880)		202 / 880 = 22.954545%	
Family usage (%):	TRBV	TRBJ	TRBV	TRBJ	TRBV	TRBJ	TRBV	TRBJ	TRBV	TRBJ	TRBV	TRBJ
(% of usage of all other families detected for this sample)	not found	not found	not found	not found	BV14-1 (47.36%)	BJ2-4 (100%)	BV14-1 (47.36%)	BJ2-4 (100%)	BV14-1 (57.92%)	BJ2-5 (100%)	BV14-1 (57.92%)	BJ2-5 (100%)
					BV5-1 (10.52%)		BV5-1 (10.52%)		BV7.2 (8.91%)		BV7.2 (8.91%)	
					BV27 (5.26%)		BV27 (5.26%)		BV9-1 (4.45%)		BV9-1 (4.45%)	
					BV18 (5.26%)		BV18-1 (5.26%)		BV6 (4.45%)		BV6 (4.45%)	
					BV12 (5.26%)		BV12 (5.26%)		BV4-1 (3.46%)		BV4-1 (3.46%)	
					BV11 (5.26%)		BV11 (5.26%)		BV27 (2.47%)		BV27 (2.47%)	
					BV9-1 (5.26%)		BV9-1 (5.26%)		BV25 (2.47%)		BV25 (2.47%)	
					BV7-2 (5.26%)		BV7-2 (5.26%)		BV23 (2.47%)		BV23 (2.47%)	
					BV6 (5.26%)		BV6 (5.26%)		BV21 (2.47%)		BV21 (2.47%)	
					BV3-1 (5.26%)		BV3-1 (5.26%)		BV12 (2.47%)		BV12un (2.47%)	
									BV11 (2.47%)		BV11 (2.47%)	
									BV3 29.47%		BV3 29.47%	
									BV2 (1.48%)		BV2 (1.48%)	
									BV13 (0.99%)		BV13 (0.99%)	
									BV28 (0.49%)		BV28 (0.49%)	
									BV10 (0.49%)		BV10 (0.49%)	

J. GLC-BM specific TRBV (non-persistent clonotypes)

T cell receptor:	Vbeta											
Motif sequence:	Non Persistent "SARD" (11-mer)											
Sample name:	E1603				E1632				E1655			
Phase of infection:	AIM		CONV		AIM		CONV		AIM		CONV	
Frequency of all copies (reads):	4.78% (488,798 / 10,224,655)		not applied		3.03% (114,341 / 3,769,869)		not applied		0.95% (19,206 / 2,020,587)		not applied	
Frequency of all unique clonotypes:	13.84% (371 / 2,681)		not applied		3.66% (148 / 4,043)		not applied		2.54% (140 / 5,508)		not applied	
Family usage (%):	TRBV	TRBJ	TRBV	TRBJ	TRBV	TRBJ	TRBV	TRBJ	TRBV	TRBJ	TRBV	TRBJ
(% of usage of all other families detected for this sample)	BV20 (99.46%)	BJ1-2 (99.73%)	not applied		BV20 (98.65%)	BJ01 (97.97%)	not applied		BV20 (99.28%)	BJ1-3 (99.28%)	not applied	
	BV29-1 (0.54%)	BJ2 (0.27%)			BV29-1 (1.35%)	BJ2 (2.03%)			BV29-1 (0.72%)	BJ2 (0.71%)		

K. GLC-BM specific TRBV (de novo clonotypes)

T cell receptor:	Vbeta											
Motif sequence:	De Novo "SARD" (11-mer)											
Sample name:	E1603				E1632				E1655			
Phase of infection:	AIM		CONV		AIM		CONV		AIM		CONV	
Frequency of all copies (reads):	not applied		4.9% (517,874/10,580,372)		not applied		10.14% (948,733/9,348,647)		not applied		0.012% (666/ 5,575,518)	
Frequency of all unique clonotypes:	not applied		8.41% (213/2,532)		not applied		2.3% (132/5,764)		not applied		1.4% (73/5,207)	
Family usage (%):	TRAV	TRAJ	TRBV	TRBJ	TRAV	TRAJ	TRBV	TRBJ	TRAV	TRAJ	TRBV	TRBJ
(% of usage of all other families detected for this sample)	not applied		BV20-1 (98.59%)	BJ1-3 (99.53%)	not applied		BV20-1 (98.48%)	BJ1 (89.39%)	not applied		BV20-1 (100%)	BJ1 (95.89%)
			BV29-1(1.41%)	BJ2-3 (0.47%)			BV29-1 (1.52%)	BJ2-3 (10.6%)				BJ2-1 (4.11%)