

Identification of a clinicopathologic prognostic index for newly diagnosed large B-cell lymphoma patients treated with R-CHOP

Authors

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Supplemental Table 1: Patient selection

Landsburg	Shen	Sha
Original cohort (<i>N</i> = 2046)		
<i>N</i> = 117	<i>N</i> = 1001	<i>N</i> = 928
↓	↓	↓
With cell of origin classification (<i>n</i> = 1296)		
<i>n</i> = 116	<i>n</i> = 382	<i>n</i> = 798
↓	↓	↓
With double expressor status (<i>n</i> = 781)		
<i>n</i> = 105	<i>n</i> = 372	<i>n</i> = 304
↓	↓	↓
With <i>MYC</i> +/- <i>BCL2</i> FISH (<i>n</i> = 709)		
<i>n</i> = 100	<i>n</i> = 372	<i>n</i> = 237
↓	↓	↓
With NGS performed (<i>n</i> = 680)		
<i>n</i> = 100	<i>n</i> = 372	<i>n</i> = 208
↓	↓	↓
With IPI score (<i>n</i> = 674)		
<i>n</i> = 94	<i>n</i> = 372	<i>n</i> = 208
↓	↓	↓
Treated with R-CHOP (<i>n</i> = 427)		
<i>n</i> = 58	<i>n</i> = 253	<i>n</i> = 116
↓	↓	↓
Not <i>MYC/BCL2</i> rearranged (<i>n</i> = 418)		
<i>n</i> = 58	<i>n</i> = 247	<i>n</i> = 113
↓	↓	↓
≥12 months follow-up if no progression (<i>n</i> = 409)		
<i>n</i> = 58	<i>n</i> = 243	<i>n</i> = 108
Total (<i>n</i> = 409)		
<i>n</i> = 58	<i>n</i> = 243	<i>n</i> = 108

Supplemental Table 2: Individual patient characteristics

ID	IPI score	IPI score ≥3	R-IPI score	GCB COO	DEL	MYC FISH	Progression	PFS	Death	OS	TP53 LOF mutation	TP53 variant	CPPI raw score	CPPI score
		0 = no		0 = no	0 = no	0 = no	0 = no		0 = no		0 = no			
		1 = yes		1 = yes	1 = yes	1 = yes	1 = yes		1 = yes		1 = yes			
Landsburg														
3	1	0	1	0	1	0	1	6.5	1	22.8	0		1	1
9	0	0	0	1	0	0	0	23.6	0	23.6	0		0	0
12	2	0	1	1	1	0	0	17.3	0	17.3	0		1	1
13	3	1	2	1	0	0	0	18.0	0	18.0	1	R181H	2	2
14	3	1	2	0	0	0	0	16.6	0	16.6	0		1	1
16	3	1	2	1	0	0	0	19.7	0	19.7	1	Y234del	2	2
18	0	0	0	1	0	0	0	19.8	0	19.8	1	R273C	1	1
19	1	0	1	1	0	0	0	20.8	0	20.8	0		0	0
20	1	0	1	1	0	0	0	20.4	0	20.4	1	C141G	1	1
21	2	0	1	0	1	0	0	18.7	0	18.7	0		1	1
22	2	0	1	0	0	0	1	8.6	0	20.0	0		0	0
27	3	1	2	0	0	0	0	18.0	0	18.0	1	F134V	2	2
29	2	0	1	0	0	0	0	28.9	0	28.9	1	C238Y	1	1
30	2	0	1	0	0	0	0	28.6	0	28.6	0		0	0
31	3	1	2	0	0	0	0	25.2	0	25.2	0		1	1
32	3	1	2	1	0	0	0	15.0	0	15.0	0		1	1
34	2	0	1	1	0	0	0	13.4	0	13.4	1	W53*	1	1
40	3	1	2	0	0	0	0	24.2	0	24.2	0		1	1
41	2	0	1	0	1	0	0	13.6	0	13.6	0		1	1
43	1	0	1	1	0	0	0	18.1	0	18.1	1	Y234H	1	1
49	2	0	1	0	0	0	0	13.1	0	13.1	0		0	0
50	1	0	1	0	0	0	0	14.1	0	14.1	1	A159D	1	1
53	5	1	2	1	0	0	1	5.5	1	6.5	1	I254T, I232N	2	2
56	0	0	0	0	0	0	0	30.5	0	30.5	0		0	0
57	2	0	1	1	0	0	0	27.8	0	27.8	0		0	0
58	0	0	0	1	1	0	0	29.2	0	29.2	0		1	1
61	2	0	1	1	0	0	1	5.6	0	34.2	1	T231Hfsdup	1	1
62	0	0	0	1	0	1	1	21.7	0	31.3	0		0	0
63	2	0	1	1	0	0	1	4.2	0	29.3	0		0	0
76	3	1	2	0	1	0	0	46.9	0	46.9	1	SS exon9	3	2
79	3	1	2	0	0	0	0	27.2	0	27.2	0		1	1
81	2	0	1	1	0	0	0	42.6	0	42.6	0		0	0
83	3	1	2	1	0	0	0	32.8	0	32.8	0		1	1
85	1	0	1	0	0	0	0	43.4	0	43.4	0		0	0
86	4	1	2	0	1	0	0	40.6	0	40.6	1	I251N	3	2

88	1	0	1	0	0	0	0	46.2	0	46.2	0		0	0
89	3	1	2	0	1	0	1	3.0	0	40.5	1	Q192*	3	2
90	3	1	2	0	0	0	0	48.7	0	48.7	0		1	1
91	1	0	1	0	1	0	0	37.9	0	37.9	0		1	1
92	4	1	2	0	0	0	0	49.0	0	49.0	0		1	1
93	2	0	1	1	0	0	1	7.5	0	53.6	0		0	0
95	2	0	1	1	1	0	0	36.8	0	36.8	1	C275Y	2	2
101	1	0	1	0	0	0	0	40.2	0	50.4	0		0	0
102	3	1	2	1	0	0	0	29.2	0	29.2	0		1	1
103	3	1	2	1	0	0	0	25.2	0	36.9	0		1	1
104	4	1	2	1	0	0	0	50.2	0	50.2	0		1	1
105	1	0	1	0	1	0	0	27.4	0	27.4	0		1	1
106	4	1	2	1	0	0	0	51.2	0	51.2	1	C135F	2	2
107	1	0	1	1	0	1	0	39.8	0	39.8	0		0	0
108	1	0	1	1	0	0	1	12.6	0	56.4	1	R337C	1	1
110	2	0	1	1	1	0	0	45.4	0	45.4	0		1	1
111	1	0	1	1	0	0	0	35.7	0	35.7	0		0	0
113	2	0	1	0	1	0	1	14.4	1	25.9	1	C135Y	2	2
114	3	1	2	0	1	0	0	36.6	0	36.6	0		2	2
118	2	0	1	0	0	0	1	4.6	1	10.3	1	Y205C	1	1
120	3	1	2	0	0	0	0	51.3	0	51.3	1	N247Tfsdel	2	2
121	1	0	1	0	0	0	0	41.5	0	41.5	0		0	0
123	2	0	1	1	0	0	0	15.6	0	15.6	0		0	0
Shen														
DLBCL0001	2	0	1	0	0	0	1	19.3	0	169.8	0		0	0
DLBCL0014	2	0	1	0	0	0	1	29.4	1	36.1	0		0	0
DLBCL0017	0	0	0	1	0	0	0	98.1	0	98.1	0		0	0
DLBCL0018	2	0	1	1	0	0	1	85.2	0	89.6	0		0	0
DLBCL0019	3	1	2	1	1	0	1	17.6	0	98.7	0		2	2
DLBCL0023	0	0	0	0	1	0	0	76.6	0	76.6	0		1	1
DLBCL0038	1	0	1	0	1	0	1	7.2	0	48.5	1	R248Q	2	2
DLBCL0043	0	0	0	1	0	0	0	82.0	0	82.0	0		0	0
DLBCL0044	0	0	0	0	0	0	0	83.4	0	83.4	0		0	0
DLBCL0048	0	0	0	0	0	0	0	79.9	0	79.9	0		0	0
DLBCL0051	1	0	1	1	0	0	0	79.3	0	79.3	0		0	0
DLBCL0060	3	1	2	0	0	0	1	53.5	1	53.5	0		1	1
DLBCL0068	3	1	2	1	0	0	1	43.8	0	80.1	0		1	1
DLBCL0072	4	1	2	1	0	0	1	13.5	1	13.5	0		1	1
DLBCL0076	2	0	1	0	1	0	1	16.1	1	21.2	0		1	1
DLBCL0079	2	0	1	0	1	0	1	8.5	1	9.3	0		1	1
DLBCL0081	2	0	1	1	1	0	1	7.5	1	19.5	0		1	1

DLBCL0084	2	0	1	1	0	0	0	72.3	0	72.3	0		0	0
DLBCL0087	3	1	2	0	0	0	0	78.7	0	78.7	0		1	1
DLBCL0089	3	1	2	0	0	0	1	46.5	0	72.0	0		1	1
DLBCL0091	3	1	2	0	1	0	0	63.6	0	63.6	0		2	2
DLBCL0104	0	0	0	1	0	0	0	71.4	0	71.4	0		0	0
DLBCL0107	3	1	2	1	0	0	0	45.6	0	45.6	0		1	1
DLBCL0108	3	1	2	1	0	0	0	67.8	0	67.8	0		1	1
DLBCL0110	1	0	1	0	1	0	1	6.5	0	67.6	0		1	1
DLBCL0117	1	0	1	1	0	0	0	70.6	0	70.6	0		0	0
DLBCL0131	0	0	0	0	0	0	0	63.2	0	63.2	0		0	0
DLBCL0137	0	0	0	0	0	0	0	66.4	0	66.4	0		0	0
DLBCL0147	1	0	1	0	0	0	1	53.1	1	53.1	0		0	0
DLBCL0151	2	0	1	1	1	1	1	19.7	1	25.3	0		1	1
DLBCL0153	4	1	2	0	1	0	0	72.9	0	72.9	0		2	2
DLBCL0155	2	0	1	0	0	0	0	70.2	0	70.2	0		0	0
DLBCL0156	0	0	0	0	0	0	1	36.8	0	70.2	0		0	0
DLBCL0158	1	0	1	1	0	0	0	61.8	0	61.8	0		0	0
DLBCL0163	2	0	1	0	0	0	0	60.3	0	60.3	0		0	0
DLBCL0168	1	0	1	0	0	0	1	34.8	1	55.1	0		0	0
DLBCL0175	2	0	1	0	0	0	1	34.3	0	68.1	0		0	0
DLBCL0177	2	0	1	0	1	0	1	51.4	0	57.9	0		1	1
DLBCL0178	1	0	1	0	0	0	0	57.8	0	57.8	0		0	0
DLBCL0180	0	0	0	1	0	0	0	65.5	0	65.5	0		0	0
DLBCL0182	1	0	1	1	0	0	1	29.0	0	63.2	0		0	0
DLBCL0187	1	0	1	0	1	0	0	66.0	0	66.0	0		1	1
DLBCL0191	1	0	1	0	0	0	0	65.1	0	65.1	0		0	0
DLBCL0192	0	0	0	1	0	0	0	64.6	0	64.6	0		0	0
DLBCL0193	1	0	1	0	0	0	0	63.3	0	63.3	0		0	0
DLBCL0194	1	0	1	0	0	0	1	8.0	0	48.2	0		0	0
DLBCL0198	2	0	1	0	1	0	1	6.5	1	8.6	0		1	1
DLBCL0205	1	0	1	1	0	0	0	62.1	0	62.1	0		0	0
DLBCL0206	3	1	2	0	1	0	1	3.9	1	5.9	0		2	2
DLBCL0209	3	1	2	1	1	0	1	7.7	0	61.7	0		2	2
DLBCL0211	3	1	2	0	0	0	1	23.6	0	53.5	1	S215R	2	2
DLBCL0213	2	0	1	1	0	0	1	27.7	0	57.4	0		0	0
DLBCL0215	2	0	1	0	1	0	1	12.7	0	29.6	0		1	1
DLBCL0216	1	0	1	0	0	0	1	15.4	1	42.5	1	N239D	1	1
DLBCL0217	0	0	0	0	0	0	0	48.8	0	48.8	0		0	0
DLBCL0218	4	1	2	1	0	0	1	4.1	1	4.1	1	Y234D	2	2
DLBCL0220	0	0	0	0	0	0	0	60.2	0	60.2	0		0	0
DLBCL0223	1	0	1	0	0	0	1	18.4	0	53.3	0		0	0

DLBCL0224	0	0	0	1	0	0	1	7.1	1	21.0	0		0	0
DLBCL0225	1	0	1	1	0	0	0	58.4	0	58.4	0		0	0
DLBCL0227	0	0	0	0	1	0	0	58.0	0	58.0	1	L111R	2	2
DLBCL0230	3	1	2	0	0	0	0	54.2	0	54.2	0		1	1
DLBCL0231	1	0	1	0	0	0	0	54.0	0	54.0	0		0	0
DLBCL0235	1	0	1	0	1	0	0	57.6	0	57.6	0		1	1
DLBCL0236	1	0	1	0	0	0	1	4.1	1	4.1	0		0	0
DLBCL0241	1	0	1	1	1	0	0	57.0	0	57.0	0		1	1
DLBCL0242	0	0	0	0	0	0	0	56.8	0	56.8	0		0	0
DLBCL0244	0	0	0	1	0	0	0	56.5	0	56.5	0		0	0
DLBCL0246	1	0	1	0	1	0	1	9.7	1	14.2	0		1	1
DLBCL0247	0	0	0	1	0	0	0	55.9	0	55.9	0		0	0
DLBCL0248	2	0	1	1	1	0	1	15.4	1	15.4	0		1	1
DLBCL0250	0	0	0	0	0	0	1	15.3	0	55.3	0		0	0
DLBCL0276	4	1	2	0	1	0	1	7.9	1	22.0	1	P278R	3	2
DLBCL0288	2	0	1	0	0	0	0	74.0	0	74.0	1	R248Q	1	1
DLBCL0298	3	1	2	1	0	0	1	16.7	1	27.9	0		1	1
DLBCL0313	1	0	1	0	1	0	1	5.3	1	14.5	0		1	1
DLBCL0316	2	0	1	0	0	0	0	64.6	0	64.6	0		0	0
DLBCL0318	5	1	2	0	0	0	1	1.8	1	1.8	0		1	1
DLBCL0319	4	1	2	0	0	0	1	13.9	1	40.7	0		1	1
DLBCL0330	3	1	2	0	1	0	1	6.4	1	25.2	0		2	2
DLBCL0331	0	0	0	0	0	0	0	54.3	0	54.3	0		0	0
DLBCL0335	2	0	1	0	0	0	0	52.7	0	52.7	0		0	0
DLBCL0338	0	0	0	0	1	0	0	54.8	0	54.8	0		1	1
DLBCL0339	0	0	0	0	0	0	0	54.5	0	54.5	0		0	0
DLBCL0341	2	0	1	0	0	0	0	47.9	0	47.9	0		0	0
DLBCL0344	0	0	0	0	0	0	0	51.9	0	51.9	0		0	0
DLBCL0345	0	0	0	1	0	0	0	51.9	0	51.9	0		0	0
DLBCL0346	0	0	0	0	0	0	0	51.9	0	51.9	0		0	0
DLBCL0354	1	0	1	1	0	1	0	39.9	0	39.9	1	Q167*	1	1
DLBCL0355	1	0	1	1	0	0	0	50.0	0	50.0	0		0	0
DLBCL0357	2	0	1	0	0	0	1	24.8	0	44.3	0		0	0
DLBCL0358	3	1	2	1	0	1	1	4.2	1	6.4	0		1	1
DLBCL0359	1	0	1	1	0	0	0	48.1	0	48.1	0		0	0
DLBCL0364	3	1	2	1	0	0	0	45.9	0	45.9	0		1	1
DLBCL0366	1	0	1	0	0	0	1	38.2	0	47.8	0		0	0
DLBCL0370	1	0	1	0	0	0	1	40.6	0	40.8	0		0	0
DLBCL0371	1	0	1	0	0	0	0	47.5	0	47.5	0		0	0
DLBCL0372	0	0	0	1	0	0	0	48.6	0	48.6	0		0	0
DLBCL0377	2	0	1	1	1	0	1	3.8	1	20.0	1	V173L	2	2

DLBCL0378	1	0	1	0	1	0	0	47.1	0	47.1	0		1	1
DLBCL0380	1	0	1	1	0	0	0	45.9	0	45.9	0		0	0
DLBCL0382	1	0	1	1	0	0	1	6.7	0	45.6	1	V157D	1	1
DLBCL0384	1	0	1	0	0	0	1	9.5	0	43.2	0		0	0
DLBCL0385	1	0	1	1	0	0	0	45.0	0	45.0	0		0	0
DLBCL0386	2	0	1	0	0	0	0	47.4	0	47.4	0		0	0
DLBCL0389	4	1	2	0	0	0	0	36.6	0	36.6	0		1	1
DLBCL0391	2	0	1	0	1	0	0	42.3	0	42.3	0		1	1
DLBCL0392	1	0	1	0	1	0	1	18.9	1	18.9	0		1	1
DLBCL0393	0	0	0	1	0	0	0	44.2	0	44.2	0		0	0
DLBCL0394	3	1	2	0	1	0	0	44.8	0	44.8	0		2	2
DLBCL0396	3	1	2	0	0	0	0	35.9	0	35.9	0		1	1
DLBCL0397	0	0	0	1	0	0	0	45.1	0	45.1	0		0	0
DLBCL0398	1	0	1	0	0	0	0	44.3	0	44.3	0		0	0
DLBCL0404	4	1	2	0	0	0	0	39.1	0	39.1	0		1	1
DLBCL0407	1	0	1	0	0	0	0	42.4	0	42.4	0		0	0
DLBCL0408	3	1	2	0	1	0	1	12.8	1	12.8	0		2	2
DLBCL0411	0	0	0	1	0	0	1	8.0	0	42.6	0		0	0
DLBCL0413	3	1	2	0	0	0	1	20.2	1	20.2	1	V216M	2	2
DLBCL0415	1	0	1	1	0	0	0	41.6	0	41.6	0		0	0
DLBCL0426	1	0	1	0	0	0	0	32.3	0	32.3	0		0	0
DLBCL0427	3	1	2	0	0	0	1	18.8	1	23.4	0		1	1
DLBCL0428	1	0	1	1	0	0	0	34.2	0	34.2	0		0	0
DLBCL0432	1	0	1	1	0	0	1	4.1	1	15.1	1	I255S	1	1
DLBCL0433	1	0	1	1	0	0	0	40.8	0	40.8	0		0	0
DLBCL0437	1	0	1	1	0	0	0	40.3	0	40.3	1	Y234H	1	1
DLBCL0440	2	0	1	0	0	0	1	5.3	1	6.7	0		0	0
DLBCL0443	1	0	1	0	0	0	0	40.0	0	40.0	1	H179P	1	1
DLBCL0445	3	1	2	0	1	0	1	38.9	0	38.9	0		2	2
DLBCL0446	1	0	1	0	0	0	0	39.7	0	39.7	0		0	0
DLBCL0454	2	0	1	0	0	0	1	12.9	0	38.7	0		0	0
DLBCL0458	3	1	2	0	0	0	1	16.2	0	34.8	0		1	1
DLBCL0459	3	1	2	0	0	0	0	26.8	0	26.8	0		1	1
DLBCL0460	1	0	1	1	0	0	0	39.0	0	39.0	1	R248Q, R196P	1	1
DLBCL0470	1	0	1	0	0	0	0	38.4	0	38.4	0		0	0
DLBCL0472	1	0	1	1	0	0	0	38.4	0	38.4	0		0	0
DLBCL0474	0	0	0	0	0	0	0	38.4	0	38.4	0		0	0
DLBCL0475	4	1	2	0	0	0	1	11.1	1	16.3	0		1	1
DLBCL0476	3	1	2	0	0	0	0	33.9	0	33.9	0		1	1
DLBCL0479	0	0	0	0	0	0	0	38.6	0	38.6	0		0	0
DLBCL0483	1	0	1	0	0	0	1	3.9	1	3.9	0		0	0

DLBCL0486	1	0	1	0	0	0	1	7.5	0	37.5	0		0	0
DLBCL0487	4	1	2	0	1	1	1	11.8	0	38.7	0		2	2
DLBCL0489	1	0	1	0	0	0	0	37.5	0	37.5	0		0	0
DLBCL0496	0	0	0	0	0	0	0	37.4	0	37.4	0		0	0
DLBCL0497	1	0	1	0	0	0	0	37.0	0	37.0	0		0	0
DLBCL0498	1	0	1	1	0	0	0	36.9	0	36.9	0		0	0
DLBCL0499	1	0	1	0	0	0	0	22.6	0	22.6	0		0	0
DLBCL0503	3	1	2	1	0	0	1	13.7	1	13.7	0		1	1
DLBCL0505	2	0	1	0	0	0	0	24.4	0	24.4	0		0	0
DLBCL0506	1	0	1	0	0	0	0	37.1	0	37.1	0		0	0
DLBCL0507	1	0	1	0	0	0	0	37.2	0	37.2	0		0	0
DLBCL0508	0	0	0	0	0	0	0	37.2	0	37.2	0		0	0
DLBCL0510	1	0	1	0	0	0	0	32.4	0	32.4	0		0	0
DLBCL0512	3	1	2	1	0	0	0	33.7	0	33.7	0		1	1
DLBCL0516	0	0	0	1	0	0	1	12.8	0	23.7	0		0	0
DLBCL0519	3	1	2	1	0	0	0	33.1	0	33.1	0		1	1
DLBCL0521	2	0	1	1	0	0	0	33.0	0	33.0	0		0	0
DLBCL0523	4	1	2	0	0	0	1	20.4	1	21.2	0		1	1
DLBCL0524	0	0	0	1	0	0	0	35.8	0	35.8	0		0	0
DLBCL0528	1	0	1	0	0	0	0	36.0	0	36.0	1	G244S	1	1
DLBCL0530	1	0	1	0	0	0	0	31.7	0	31.7	0		0	0
DLBCL0533	0	0	0	1	0	0	0	34.9	0	34.9	0		0	0
DLBCL0535	2	0	1	0	0	0	0	35.7	0	35.7	0		0	0
DLBCL0537	0	0	0	1	0	0	0	35.8	0	35.8	0		0	0
DLBCL0539	1	0	1	0	0	0	1	16.2	0	40.0	0		0	0
DLBCL0543	1	0	1	0	0	0	1	28.2	1	30.2	0		0	0
DLBCL0544	2	0	1	0	1	0	0	34.8	0	34.8	0		1	1
DLBCL0545	2	0	1	0	0	0	1	8.1	0	33.9	1	T155I	1	1
DLBCL0548	1	0	1	1	0	0	0	35.8	0	35.8	0		0	0
DLBCL0554	0	0	0	0	0	0	0	34.0	0	34.0	1	R248Q	1	1
DLBCL0555	1	0	1	0	0	0	0	29.4	0	29.4	0		0	0
DLBCL0557	1	0	1	0	0	0	1	9.9	1	15.9	1	G244S	1	1
DLBCL0561	0	0	0	1	0	0	0	33.4	0	33.4	0		0	0
DLBCL0562	3	1	2	1	0	0	0	32.7	0	32.7	0		1	1
DLBCL0563	0	0	0	1	0	0	0	33.0	0	33.0	0		0	0
DLBCL0568	0	0	0	1	0	0	0	33.7	0	33.7	1	R273H, splice	1	1
DLBCL0570	3	1	2	1	0	0	0	20.8	0	20.8	1	P223L, S127Y	2	2
DLBCL0571	0	0	0	1	0	0	0	34.0	0	34.0	0		0	0
DLBCL0573	2	0	1	0	0	0	1	46.1	0	60.8	1	F134L	1	1
DLBCL0575	2	0	1	0	0	0	0	20.9	0	20.9	0		0	0
DLBCL0576	1	0	1	0	0	0	0	32.6	0	32.6	0		0	0

DLBCL0577	5	1	2	1	1	0	1	11.6	1	11.6	0		2	2
DLBCL0578	3	1	2	0	1	0	0	28.6	0	28.6	0		2	2
DLBCL0583	1	0	1	0	1	0	1	7.2	0	32.4	1	R175H, V172I	2	2
DLBCL0584	1	0	1	1	0	0	0	32.5	0	32.5	0		0	0
DLBCL0586	2	0	1	0	0	0	1	19.6	1	19.6	0		0	0
DLBCL0587	4	1	2	1	0	0	1	3.7	1	3.7	0		1	1
DLBCL0592	2	0	1	1	0	0	1	14.2	0	19.7	0		0	0
DLBCL0599	1	0	1	0	1	0	0	32.2	0	32.2	1	E286K	2	2
DLBCL0600	2	0	1	0	0	0	1	3.5	1	3.5	1	R273C	1	1
DLBCL0604	2	0	1	0	1	0	1	28.5	0	31.4	0		1	1
DLBCL0609	3	1	2	0	0	0	1	9.5	1	16.8	0		1	1
DLBCL0612	4	1	2	0	1	0	1	23.9	0	23.9	0		2	2
DLBCL0614	0	0	0	1	0	0	0	31.0	0	31.0	0		0	0
DLBCL0616	3	1	2	0	1	0	1	7.1	0	30.9	0		2	2
DLBCL0619	4	1	2	0	1	0	1	23.6	1	23.6	1	R273H	3	2
DLBCL0626	1	0	1	1	0	0	0	29.7	0	29.7	0		0	0
DLBCL0633	3	1	2	0	0	0	1	9.8	0	20.7	1	I195T	2	2
DLBCL0641	3	1	2	1	0	0	1	7.4	0	20.6	0		1	1
DLBCL0648	1	0	1	0	1	0	0	23.7	0	23.7	1	R273H	2	2
DLBCL0652	1	0	1	1	0	0	0	28.2	0	28.2	0		0	0
DLBCL0656	3	1	2	1	0	0	0	28.3	0	28.3	0		1	1
DLBCL0657	3	1	2	0	0	0	1	8.8	0	19.7	0		1	1
DLBCL0673	0	0	0	0	0	0	0	26.8	0	26.8	1	R248Q	1	1
DLBCL0676	1	0	1	0	0	0	0	12.7	0	12.7	0		0	0
DLBCL0683	1	0	1	0	0	0	0	25.9	0	25.9	0		0	0
DLBCL0687	2	0	1	0	0	0	0	26.0	0	26.0	0		0	0
DLBCL0690	1	0	1	1	0	0	0	28.0	0	28.0	0		0	0
DLBCL0691	1	0	1	0	0	0	0	25.6	0	25.6	0		0	0
DLBCL0693	0	0	0	1	0	0	0	26.1	0	26.1	0		0	0
DLBCL0695	2	0	1	0	0	0	1	9.1	0	27.6	0		0	0
DLBCL0702	1	0	1	0	0	0	0	24.5	0	24.5	0		0	0
DLBCL0704	1	0	1	0	1	0	0	24.3	0	24.3	0		1	1
DLBCL0710	1	0	1	1	0	0	0	22.0	0	22.0	0		0	0
DLBCL0715	1	0	1	0	1	0	0	23.3	0	23.3	0		1	1
DLBCL0723	1	0	1	0	1	0	0	22.8	0	22.8	0		1	1
DLBCL0724	5	1	2	0	1	0	1	7.7	0	9.8	0		2	2
DLBCL0727	1	0	1	1	0	0	0	23.1	0	23.1	0		0	0
DLBCL0738	0	0	0	0	0	0	0	22.6	0	22.6	0		0	0
DLBCL0750	1	0	1	1	0	0	0	21.0	0	21.0	0		0	0
DLBCL0753	1	0	1	0	0	0	0	21.1	0	21.1	1	R158H, G108R	1	1
DLBCL0761	0	0	0	0	0	0	0	20.4	0	20.4	1	G245S	1	1

DLBCL0772	1	0	1	1	0	0	0	19.7	0	19.7	0		0	0
DLBCL0789	4	1	2	0	0	0	0	19.3	0	19.3	0		1	1
DLBCL0791	0	0	0	1	0	0	0	19.5	0	19.5	0		0	0
DLBCL0792	3	1	2	1	1	0	1	8.7	0	8.7	0		2	2
DLBCL0797	4	1	2	0	0	0	1	7.2	0	7.2	0		1	1
DLBCL0799	0	0	0	1	0	0	0	17.9	0	17.9	1	I255N, Y236N, Y126C	1	1
DLBCL0806	4	1	2	0	0	0	0	16.3	0	16.3	0		1	1
DLBCL0814	0	0	0	0	1	0	0	16.3	0	16.3	1	R248Q	2	2
DLBCL0824	3	1	2	0	1	0	0	17.2	0	17.2	0		2	2
DLBCL0834	1	0	1	0	1	0	1	5.6	0	14.2	0		1	1
DLBCL0840	1	0	1	1	0	0	0	15.4	0	15.4	0		0	0
DLBCL0846	3	1	2	0	1	0	0	17.3	0	17.3	1	G266E, R175H	3	2
DLBCL0853	0	0	0	0	0	0	0	14.3	0	14.3	0		0	0
DLBCL0855	0	0	0	1	0	0	0	14.3	0	14.3	0		0	0
DLBCL0861	1	0	1	0	0	0	0	14.6	0	14.6	0		0	0
DLBCL0869	4	1	2	1	1	0	0	15.3	0	15.3	0		2	2
DLBCL0871	2	0	1	0	0	0	0	14.7	0	14.7	0		0	0
DLBCL0873	0	0	0	0	1	0	0	13.9	0	13.9	0		1	1
DLBCL0890	1	0	1	0	0	0	0	13.5	0	13.5	0		0	0
DLBCL0921	0	0	0	0	0	0	0	12.9	0	12.9	1	R213*	1	1
DLBCL0940	0	0	0	0	1	0	1	6.7	0	9.5	0		1	1
Sha														
RMDB_102	1	0	1	1	0	0	0	39.6	0	39.6	0		0	0
RMDB_114	2	0	1	1	0	0	0	24.6	0	24.6	0		0	0
RMDB_131	1	0	1	1	0	0	0	29.0	0	29.0	0		0	0
RMDB_141	2	0	1	0	1	0	1	32.5	1	41.4	0		1	1
RMDB_154	2	0	1	0	1	0	0	41.0	0	41.0	0		1	1
RMDB_167	0	0	1	1	0	0	1	15.9	0	21.3	0		0	0
RMDB_180	0	0	0	1	0	0	0	15.1	0	15.1	0		0	0
RMDB_183	3	1	2	1	1	0	0	46.4	0	46.4	0		2	2
RMDB_185	3	1	2	0	0	0	1	1.6	1	1.6	0		1	1
RMDB_196	1	0	1	1	0	0	0	48.9	0	48.9	1	K343fsdel, V272M	1	1
RMDB_211	2	0	1	0	1	0	1	7.9	1	22.2	0		1	1
RMDB_215	3	1	2	1	0	0	0	26.0	0	26.0	0		1	1
RMDB_246	3	1	2	1	0	0	0	27.1	0	27.1	1	R273C	2	2
RMDB_249	2	0	1	1	0	0	0	27.8	0	27.8	0		0	0
RMDB_251	4	1	2	0	0	0	0	31.0	0	31.0	1	P278L	2	2
RMDB_262	4	1	2	0	1	0	1	9.3	0	17.5	0		2	2
RMDB_267	0	0	0	1	1	0	0	41.3	0	41.3	0		1	1
RMDB_27	2	0	1	1	1	0	0	17.0	0	17.0	0		1	1
RMDB_273	2	0	1	1	0	0	1	4.7	1	14.2	0		0	0

RMDB_278	3	1	2	1	0	1	0	46.5	0	46.5	1	P138del	2	2
RMDB_279	1	0	1	1	0	0	0	45.8	0	45.8	1	Y163H	1	1
RMDB_285	4	1	2	1	1	0	0	34.2	0	34.2	0		2	2
RMDB_291	4	1	2	0	1	0	0	29.0	0	29.0	0		2	2
RMDB_297	1	0	1	1	1	1	0	21.6	0	21.6	0		1	1
RMDB_303	3	1	2	0	1	0	0	15.5	0	15.5	0		2	2
RMDB_304	3	1	2	1	0	0	0	41.4	0	41.4	1	Y126N	2	2
RMDB_310	1	0	1	1	0	0	0	16.9	0	16.9	0		0	0
RMDB_317	1	0	1	1	0	0	0	34.2	0	34.2	1	Y236S	1	1
RMDB_321	3	1	2	1	1	0	0	57.5	0	57.5	0		2	2
RMDB_324	2	0	1	1	0	0	0	46.2	0	46.2	0		0	0
RMDB_329	1	0	1	0	0	0	0	27.4	0	27.4	0		0	0
RMDB_331	3	1	2	1	1	0	1	0.7	1	0.7	1	S215R	3	2
RMDB_333	3	1	2	1	0	0	0	46.5	0	46.5	0		1	1
RMDB_362	3	1	2	0	1	0	0	29.6	0	29.6	0		2	2
RMDB_365	1	0	1	0	1	0	1	11.4	1	26.3	0		1	1
RMDB_370	3	1	2	1	0	0	0	27.6	0	27.6	0		1	1
RMDB_393	1	0	1	0	0	0	0	32.3	0	32.3	0		0	0
RMDB_397	3	1	2	1	0	0	0	46.0	0	46.0	0		1	1
RMDB_409	3	1	2	1	0	0	1	7.2	0	24.1	0		1	1
RMDB_439	2	0	1	1	0	0	0	17.9	0	17.9	0		0	0
RMDB_44	2	0	1	1	0	0	0	51.1	0	51.1	0		0	0
RMDB_443	1	0	1	1	0	0	0	37.0	0	37.0	0		0	0
RMDB_478	2	0	1	1	0	0	0	36.3	0	36.3	1	R249G	1	1
RMDB_48	4	1	2	1	0	0	1	5.5	1	11.7	1	C176F	2	2
RMDB_484	1	0	1	1	1	0	1	16.8	0	28.5	0		1	1
RMDB_497	2	0	1	0	1	0	0	23.5	0	23.5	0		1	1
RMDB_5	2	0	1	1	0	1	0	62.6	0	62.6	1	I195S, C135S	1	1
RMDB_545	0	0	0	1	0	0	0	28.8	0	28.8	0		0	0
RMDB_546	2	0	1	1	0	0	1	7.7	0	28.6	0		0	0
RMDB_555	1	0	1	0	0	0	0	23.5	0	23.5	0		0	0
RMDB_556	3	1	2	0	1	0	0	17.0	0	17.0	0		2	2
RMDB_569	4	1	2	1	0	0	0	21.8	0	21.8	0		1	1
RMDB_574	1	0	1	1	0	0	0	47.4	0	47.4	0		0	0
RMDB_580	3	1	2	0	0	0	1	6.2	1	11.2	1	exon 9 splice	2	2
RMDB_589	3	1	2	1	1	0	0	51.9	0	51.9	1	D208V	3	2
RMDB_60	1	0	1	1	0	0	0	28.1	0	28.1	0		0	0
RMDB_605	0	0	0	1	1	0	0	51.5	0	51.5	0		1	1
RMDB_618	1	0	1	1	0	0	0	45.3	0	45.3	0		0	0
RMDB_620	2	0	1	0	0	0	0	27.2	0	27.2	0		0	0
RMDB_629	1	0	1	1	0	0	0	18.4	0	18.4	0		0	0

RMDB_633	4	1	2	1	0	0	1	6.9	1	9.6	0		1	1
RMDB_637	2	0	1	1	1	0	0	21.3	0	21.3	1	Y220N	2	2
RMDB_642	3	1	2	1	0	0	0	20.5	0	20.5	0		1	1
RMDB_648	4	1	2	1	0	0	0	58.0	0	58.0	0		1	1
RMDB_649	0	0	0	1	0	0	0	51.3	0	51.3	0		0	0
RMDB_653	3	1	2	0	1	0	1	14.9	0	28.9	1	G244D	3	2
RMDB_656	2	0	1	0	1	0	1	9.5	1	13.7	0		1	1
RMDB_658	2	0	1	0	1	0	0	20.9	0	20.9	0		1	1
RMDB_678	3	1	2	0	0	0	0	21.7	0	21.7	1	R175H	2	2
RMDB_680	3	1	2	1	0	0	0	23.0	0	23.0	0		1	1
RMDB_681	2	0	1	1	0	0	1	6.2	0	14.7	0		0	0
RMDB_688	0	0	0	1	0	0	1	5.7	0	16.8	0		0	0
RMDB_689	2	0	1	1	1	0	1	1.6	1	1.6	1	H179R	2	2
RMDB_71	2	0	1	1	0	0	0	40.0	0	40.0	0		0	0
RMDB_714	3	1	2	1	1	0	0	17.8	0	17.8	0		2	2
RMDB_717	2	0	1	0	1	0	0	40.8	0	40.8	0		1	1
RMDB_726	2	0	1	0	0	0	0	29.2	0	29.2	0		0	0
RMDB_73	3	1	2	1	0	0	1	23.3	0	27.7	0		1	1
RMDB_732	4	1	2	1	0	0	0	15.6	0	15.6	0		1	1
RMDB_736	2	0	1	1	1	0	0	24.6	0	24.6	0		1	1
RMDB_737	5	1	2	1	0	0	0	53.6	0	53.6	1	S241P	2	2
RMDB_74	1	0	1	1	0	0	0	33.9	0	33.9	0		0	0
RMDB_742	0	0	0	0	0	0	1	8.5	1	8.5	0		0	0
RMDB_748	3	1	2	1	0	0	0	28.8	0	28.8	0		1	1
RMDB_749	3	1	2	1	1	0	0	32.3	0	32.3	1	R248Q	3	2
RMDB_750	4	1	2	0	1	0	1	12.4	0	28.5	0		2	2
RMDB_752	2	0	1	1	0	0	1	4.6	0	14.5	1	R273C	1	1
RMDB_758	3	1	2	1	0	0	0	24.6	0	24.6	1	R273C	2	2
RMDB_76	2	0	1	0	0	0	0	33.7	0	33.7	1	Y87fsins, Y126S, 259del, exon5 splice	1	1
RMDB_764	3	1	2	1	0	0	0	34.5	0	34.5	0		1	1
RMDB_766	1	0	1	1	0	0	0	24.6	0	24.6	0		0	0
RMDB_767	2	0	1	1	0	0	0	20.4	0	20.4	0		0	0
RMDB_793	3	1	2	1	0	0	0	17.2	0	17.2	0		1	1
RMDB_795	4	1	2	1	1	0	0	19.6	0	19.6	0		2	2
RMDB_796	4	1	2	1	0	0	0	17.7	0	17.7	1	E258V, exon6 splice	2	2
RMDB_80	3	1	2	1	0	0	0	21.0	0	21.0	0		1	1
RMDB_817	2	0	1	1	0	0	0	22.4	0	22.4	0		0	0
RMDB_822	1	0	1	1	0	0	0	29.4	0	29.4	0		0	0
RMDB_825	4	1	2	0	1	0	1	5.8	1	12.7	0		2	2
RMDB_826	3	1	2	1	0	0	0	15.4	0	15.4	0		1	1
RMDB_827	1	0	1	1	0	0	0	40.6	0	40.6	0		0	0

RMDB_833	1	0	1	1	0	0	0	42.7	0	42.7	0		0	0
RMDB_834	2	0	1	1	0	0	1	7.0	1	14.3	1	Y205S	1	1
RMDB_840	3	1	2	0	0	0	0	46.2	0	46.2	0		1	1
RMDB_85	3	1	2	1	0	0	1	4.6	0	23.3	0		1	1
RMDB_853	0	0	0	1	1	0	0	16.6	0	16.6	0		1	1
RMDB_87	1	0	1	0	1	0	0	39.8	0	39.8	0		1	1
RMDB_89	4	1	2	0	1	0	1	7.6	0	28.7	0		2	2

Supplemental Table 3: Reclassification modeling

Predictor Model	CI	AIC	
PFS by PPI	0.63	1237.39	
PFS by R-IPI	0.59	1248.4	
OS by PPI	0.67	550.13	
OS by R-IPI	0.63	555.79	
	PFS	OS	
NRI	0.14	0.16	
NRI+	-0.31	-0.28	
NRI-	0.45	0.44	
Pr(Up Case)	0.06	0.05	
Pr(Down Case)	0.37	0.33	
Pr(Down Ctrl)	0.52	0.5	
Pr(Up Ctrl)	0.07	0.06	