Supplementary Appendix

This appendix has been supplied by the authors to provide readers with additional information regarding their work.

Supplement to:

A three-gene expression signature model for risk stratification of patients with neuroblastoma.

Garcia I, Mayol G, Ríos J, Domenech G, Cheung NK, Oberthuer A, Fischer M, Maris JM, Brodeur GM, Hero B, Rodríguez E, Suñol M, Galvan P, de Torres C, Mora J and Lavarino C.

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Supplementary Table 2. TaqMan Gene Expression Assays for gene expression analysis by quantitative real-time PCR.

Gene symbol	Gene Name	TaqMan Assay ID
Model Gene		
CHD5	Chromodomain DNA binding helicase, protein 5	Hs00395930_m1
PAFAH1B1	Platelet-activating factor acetylhydrolase, isoform 1B, alpha subunit	Hs00181182_m1
NME1	Non-metastatic cell 1, protein (NM23A) expressed in	Hs00264824_m1
Reference Gene		
TBP	TATA box-binding protein	Hs00427620_m1
HPRT1	Hypoxantine guanine phosphoribosyltransferase 1	Hs01003267_m1
SDHA	succinate dehydrogenase complex, subunit A	Hs00417200_m1

Supplementary Table 3. Univariable Cox regression models of the expression of 11 genes with OS and EFS as a dependent variable.

		Overall survival		Event free survival	
		Hazard Ratio		Hazard Ratio	
Gene	**Localization**	**95%CI**	***P*-value**	**95%CI**	***P*-value**
NME1	**17q21.3**	**2.09 (1.26; 3.49)**	**0.005**	**1.60 (1.06; 2.42)**	**0.026**
FLOT2	17q11.2	0.77 (0.38; 1.59)	0.483	1.04 (0.62; 1.75)	0.873
POLR2A	17p13.1	0.54 (0.20; 1.46)	0.225	0.53 (0.23; 1.23)	0.142
RERE	1p36.23	0.52 (0.27; 0.99)	0.046	0.55 (0.33; 0.91)	0.019
RUTBC1	17p13.3	0.49 (0.21; 1.17)	0.108	0.65 (0.36; 1.20)	0.171
PTPRF	1p34	0.40 (0.16; 0.96)	0.039	0.34 (0.16; 0.73)	0.006
VAMP2	17p13.1	0.37 (0.10; 1.42)	0.149	0.57 (0.25; 1.28)	0.171
ARHGEF11	1q21	0.37 (0.14; 1.01)	0.053	0.65 (0.32; 1.31)	0.229
GNB1	1p36.33	0.32 (0.12; 0.89)	0.029	0.46 (0.23; 0.91)	0.026
CHD5	**1p36.31**	**0.17 (0.03; 0.85)**	**0.031**	**0.38 (0.15; 0.97)**	**0.043**
PAFAH1B1	**17p13.3**	**0.20 (0.07; 0.60)**	**0.004**	**0.23 (0.10; 0.52)**	**0.000**

Supplementary Table 4. Comparison of principal component coefficient scores of the developed models.

	Component coefficient scores		
Model	α_1	α_2	α_3
Y_{36}	0.418	0.430	-0.374
Y_{96}	0.480	0.462	-0.347
Y_{Set2}	0.502	0.454	-0.266
Y_{Set3}	0.445	0.457	-0.430

Supplementary Figure 1. Kaplan-Meier analyses with log-rank estimates for OS and EFS according to the (Y_{36}) model in the training set of 36 NB cases (Panel A and B) and in the independent set of 60 (Panel C and D). OS and EFS of the complete training set of 96 primary tumors (Panel E and F) and of the validation Set 1 (Panel G and H) classified according to the (Y_{96}) model.

Supplementary Figure 2. Kaplan-Meier analyses with log-rank estimates for OS and EFS are shown as defined by the (Y_{96}) model (Panel A and B), INRG (Panel C and D), GPOH NB2004 (Panel E and F), COG (Panel G and H) and JANB (Panel I and J) risk stratification systems for NB patients <18 months from Set 3 cohort.

Supplementary Figure 3. Kaplan-Meier analyses with log-rank estimates for OS and EFS are shown as defined by the (Y_{96}) model (Panel A and B), INRG (Panel C and D), GPOH NB2004 (Panel E and F), COG (Panel G and H) and JANB (Panel I and J) risk stratification systems for NB patients age > 18 months from Set 3 cohort.

Supplementary Figure 4. Kaplan-Meier analyses with log-rank estimates for OS and EFS are shown as defined by the (Y_{96}) model (Panel A and B), INRG (Panel C and D), GPOH NB2004 (Panel E and F), COG (Panel G and H) and JANB (Panel I and J) risk stratification systems for all NB patients stage 1 to 3 *MYCN* non-amplified from Set 3.

Supplementary Figure 5. Kaplan-Meier analyses with log-rank estimates for OS and EFS are shown as defined by the (Y_{96}) model (Panel A and B), INRG (Panel C and D), GPOH NB2004 (Panel E and F), COG (Panel G and H) and JANB (Panel I and J) risk stratification systems for patients age > 18 months with stage 1 to 3 NB from Set 3 cohort.

Supplementary Figure 6. Kaplan-Meier analyses with log-rank estimates for OS and EFS are shown as defined by the (Y_{96}) model (Panel A and B), INRG (Panel C and D), GPOH NB2004 (Panel E and F), COG (Panel G and H) and JANB (Panel I and J) risk stratification systems for patients age >18m, stage 1 to 3 *MYCN* non-amplified from Set 3.

Supplementary Figure 7. Kaplan-Meier analyses with log-rank estimates for OS and EFS are shown as defined by the (Y_{96}) model (Panel A and B), INRG (Panel C and D), GPOH NB2004 (Panel E and F), COG (Panel G and H) and JANB (Panel I and J) risk stratification systems for patients stage 4 from Set 3 cohort. Panels C and D show only 1 graph since all patients with available data for risk stratification according to the INRG criteria, were classified as HR tumors.

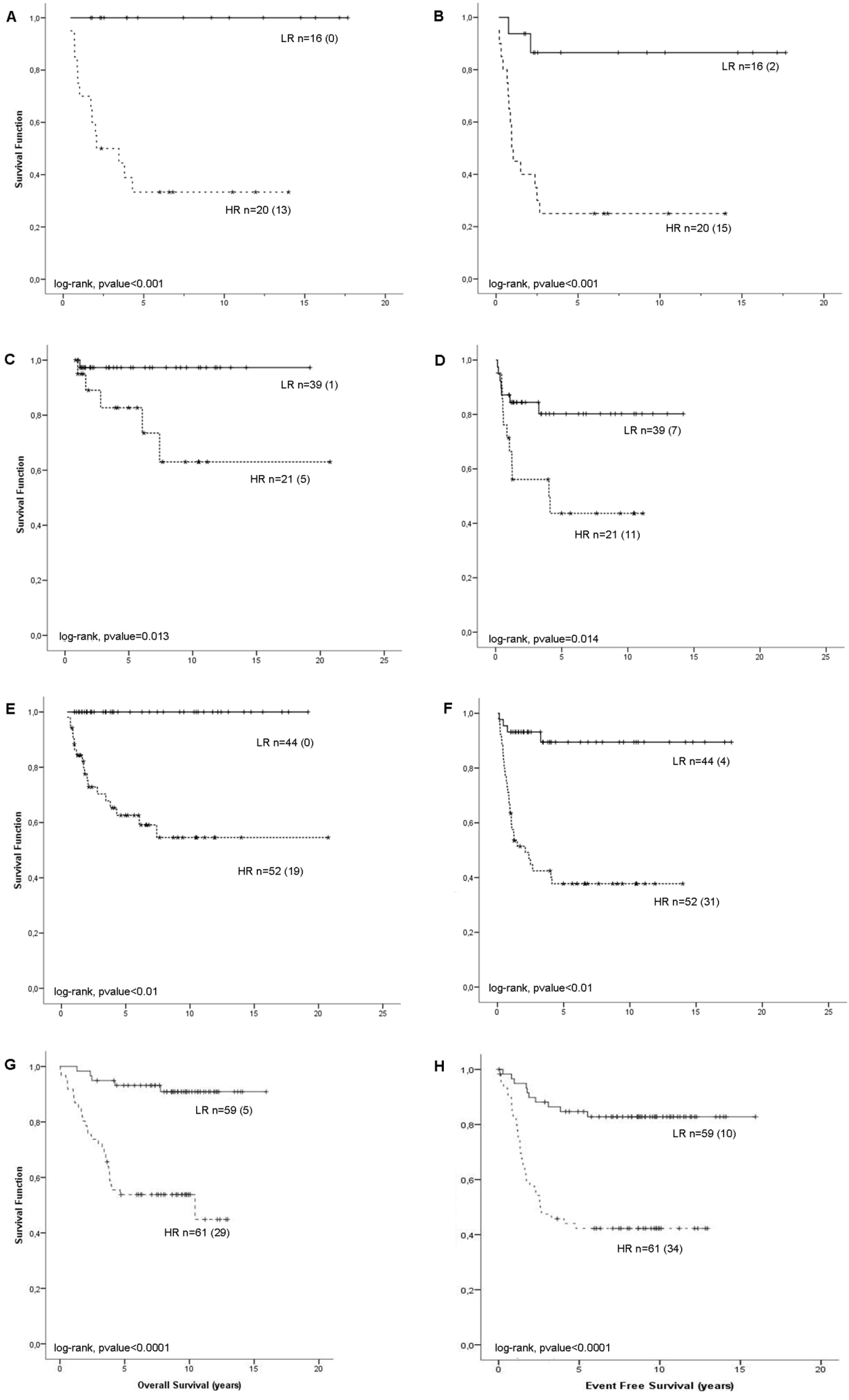
Supplementary Figure 8.Kaplan-Meier and log-rank estimates of OS and EFS are shown as defined by the (Y_{96}) model (Panel A and B), INRG (Panel C and D), GPOH NB2004 (Panel E and F), COG (Panel G and H) and JANB (Panel I and J) risk stratification systems for patients stage 4 *MYCN* non-amplified from Set 3 cohort. Panels C and D show only 1 graph since all patients with available data for risk stratification according to the INRG criteria, were classified as HR tumors.

Supplementary Figure 9. Kaplan-Meier and log-rank estimates of OS and EFS as defined by the (Y_{96}) model (Panel A and B) in patients >18m stage 4 *MYCN* non-amplified from Set 3 cohort.
According to the INRG, GPOH NB2004, COG and JANB criteria all patients were classified as high-risk (data not shown).

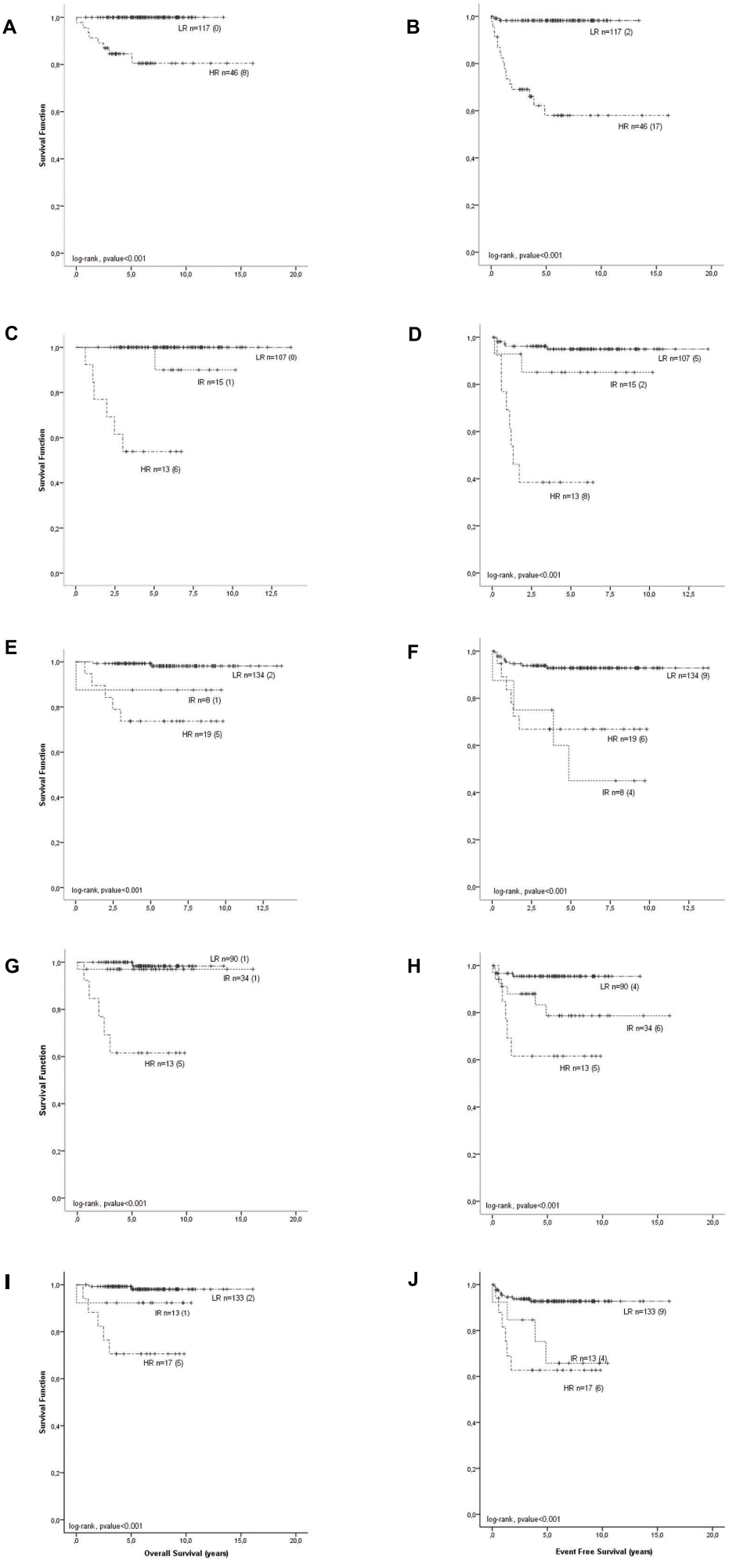
Supplementary F**igure 10.** Kaplan-Meier analysis with log-rank estimates of OS and EFS for all *MYCN* amplified NB (stage 1 to 4). According to the INRG, GPOH NB2004, COG and JANB criteria all patients were classified as high-risk (data not shown).

Supplementary F**igure 11.** Kaplan-Meier and long-rank estimates of OS and EFS are shown as defined by the prediction of the models based on the three-gene microarray expression, Y_{Set2} (Panel A and B) and Y_{Set3} (Panel C and D).

SUPPLEMENTARY FIGURE 1



SUPPLEMENTARY FIGURE 2



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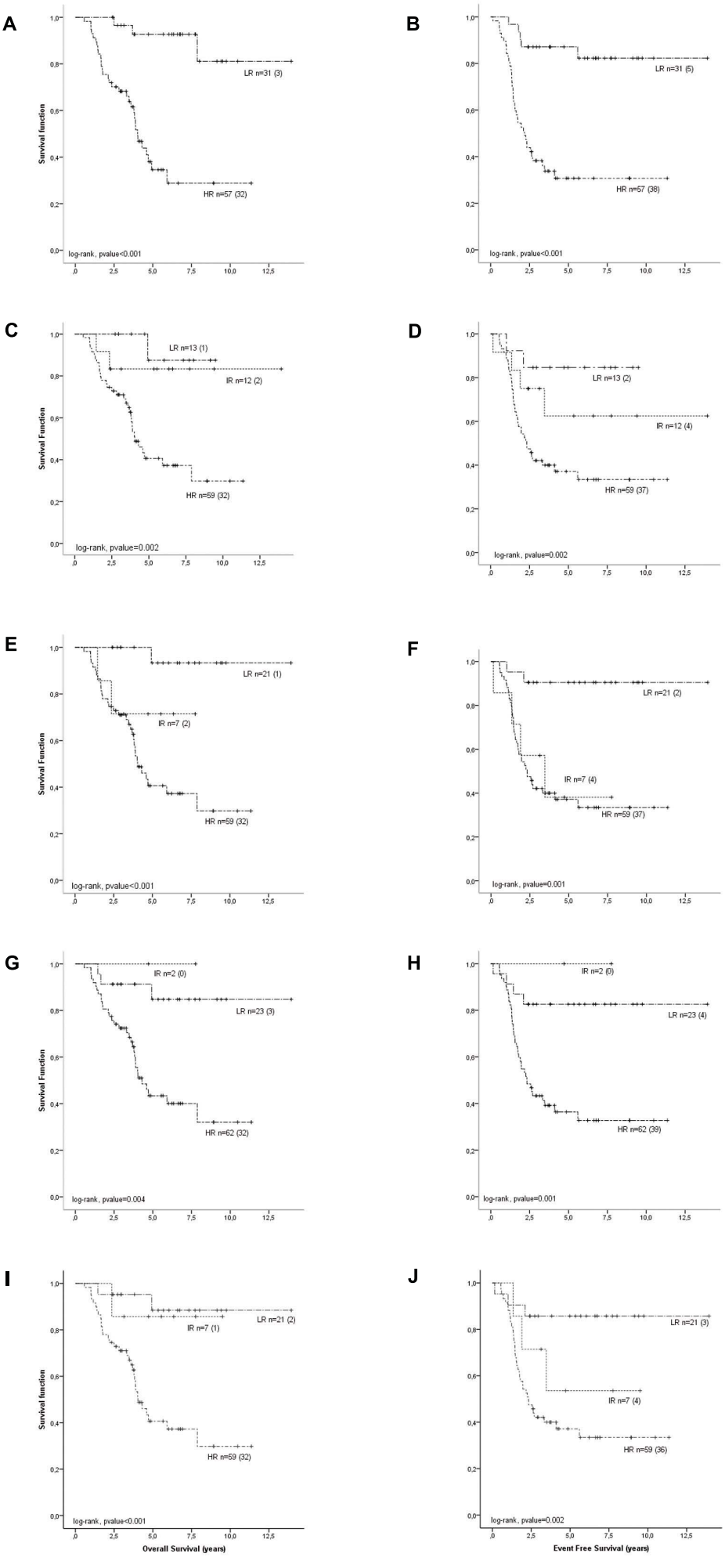

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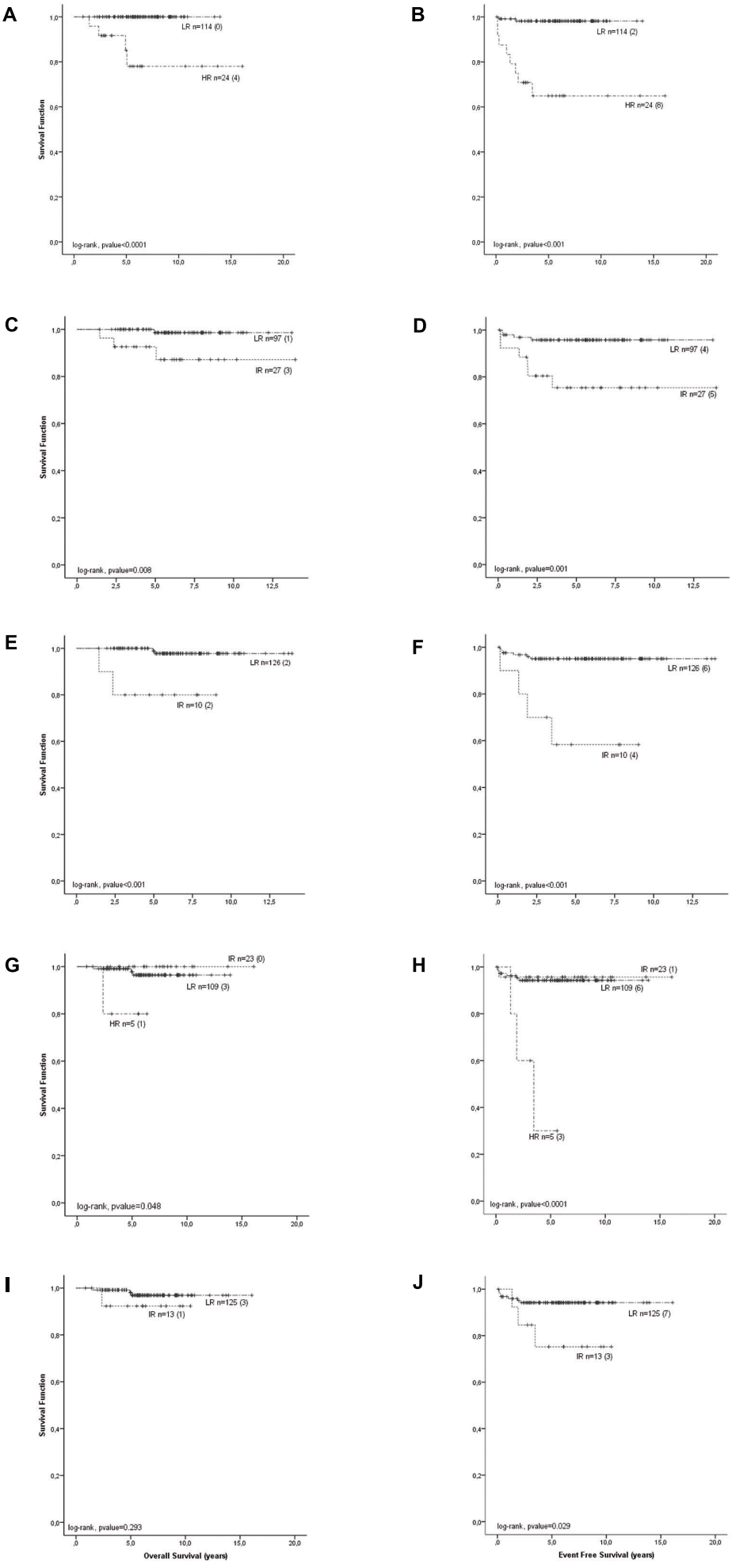

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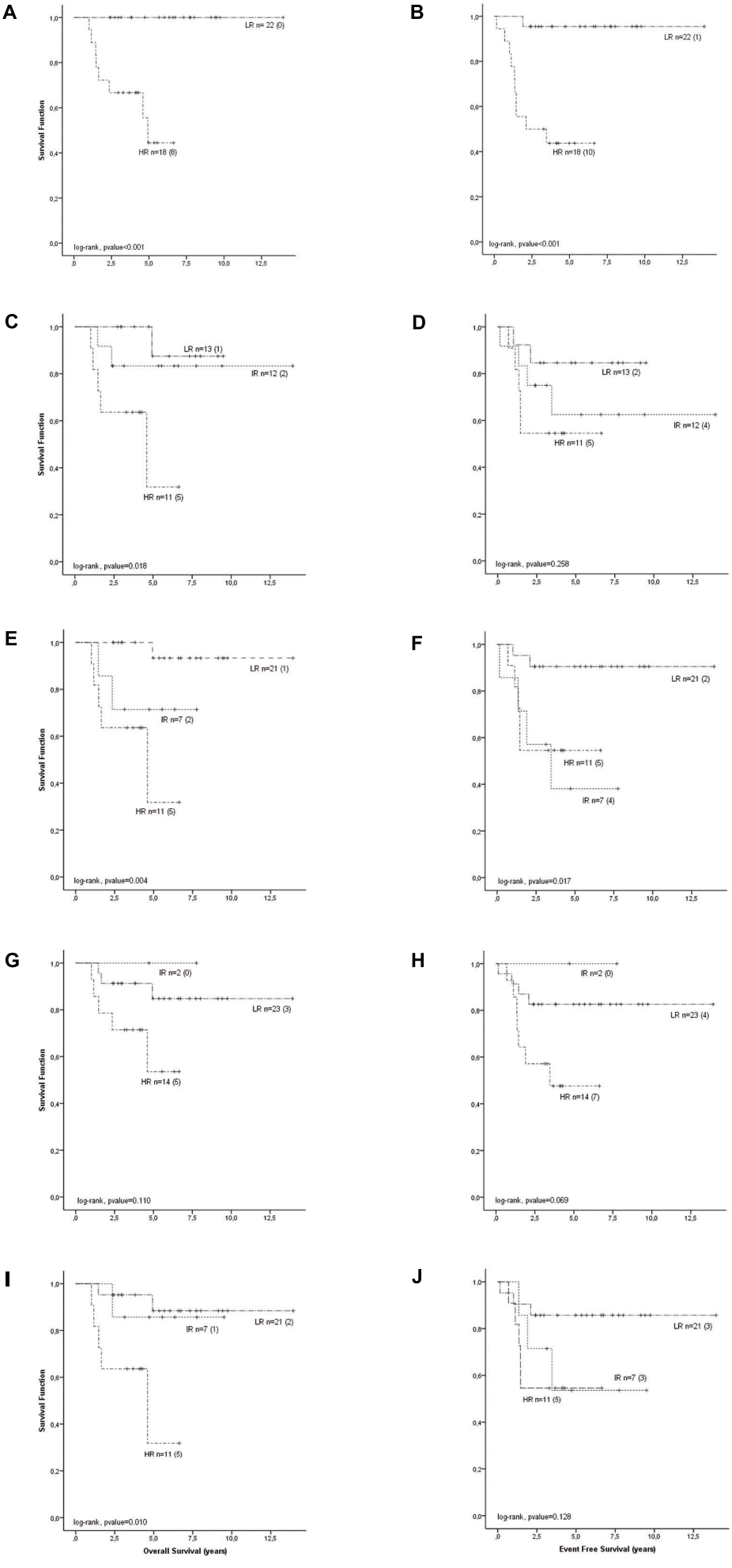
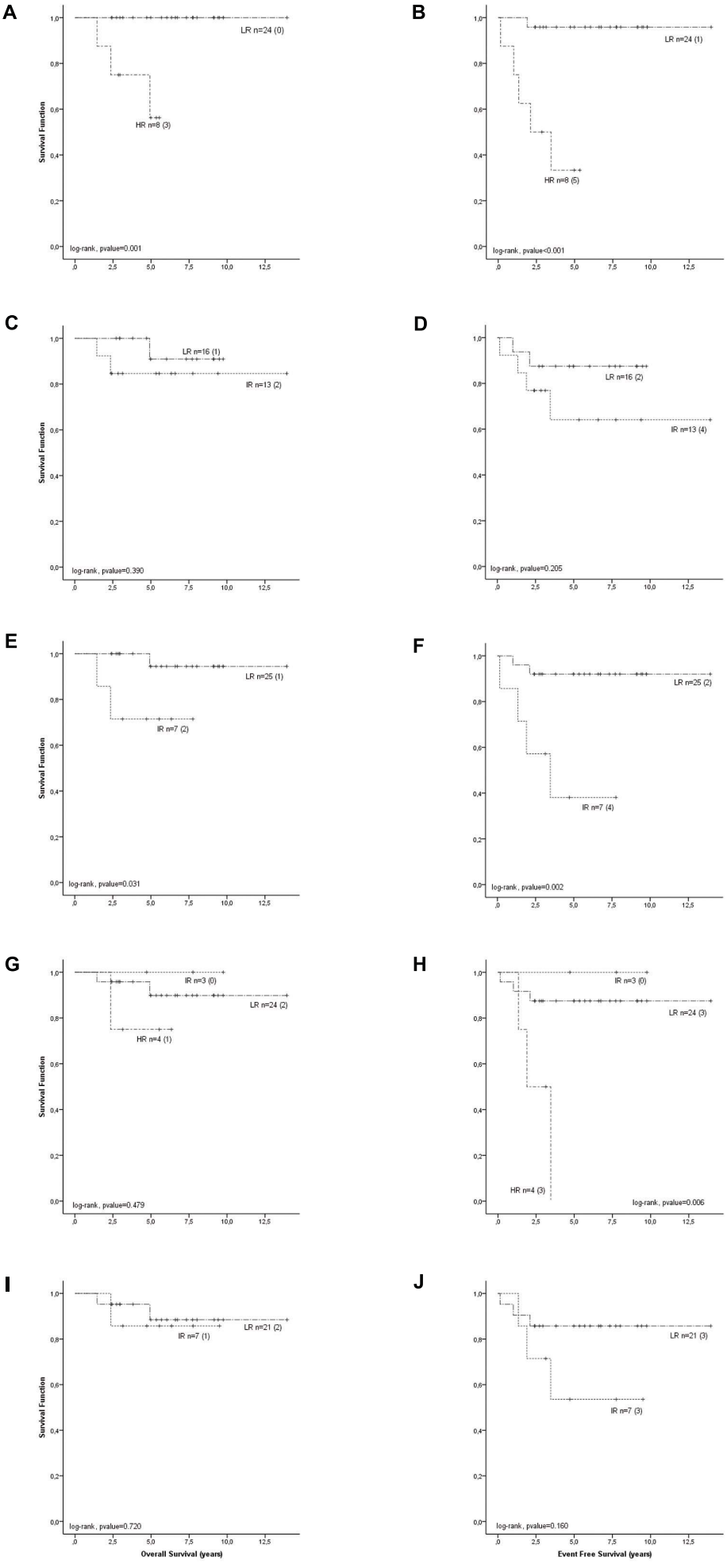


SUPPLEMENTARY FIGURE 6



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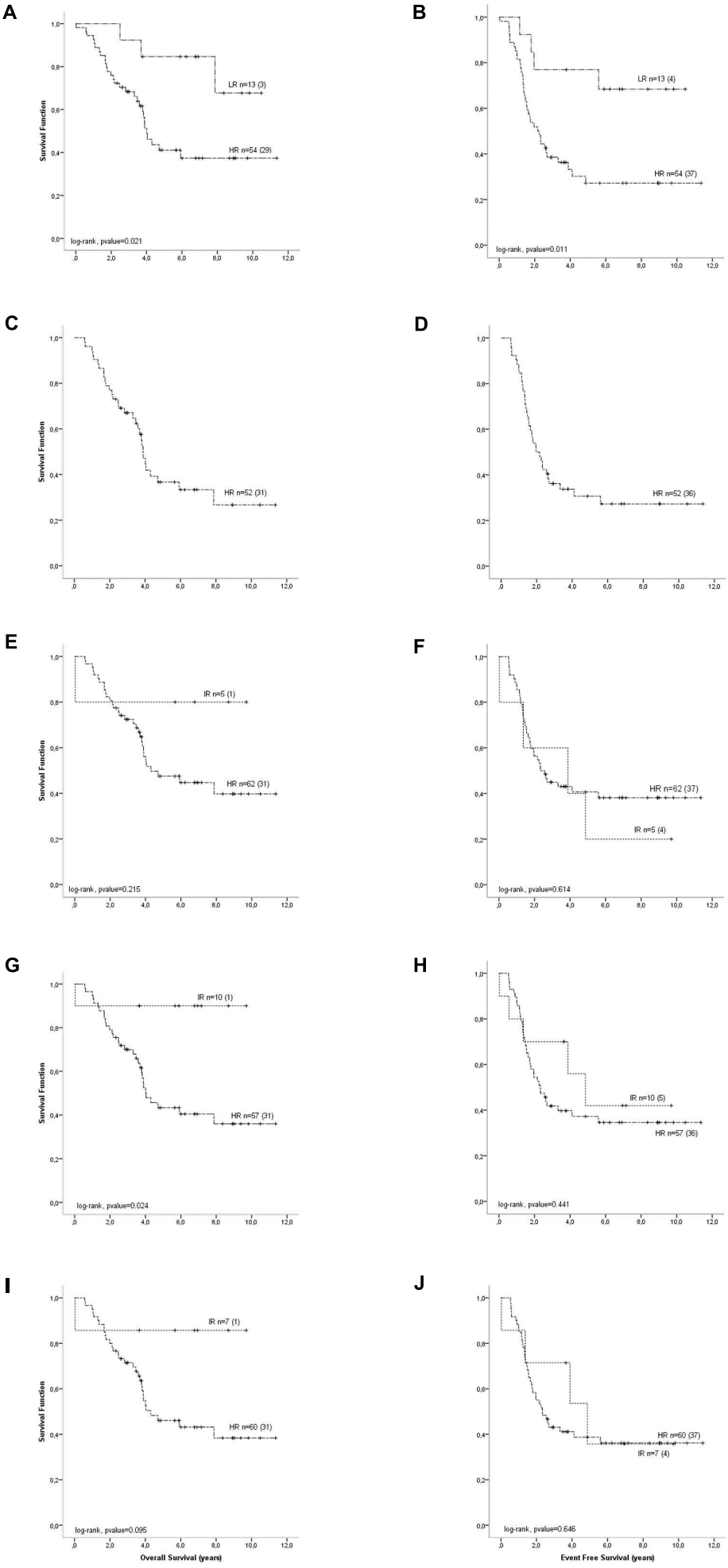

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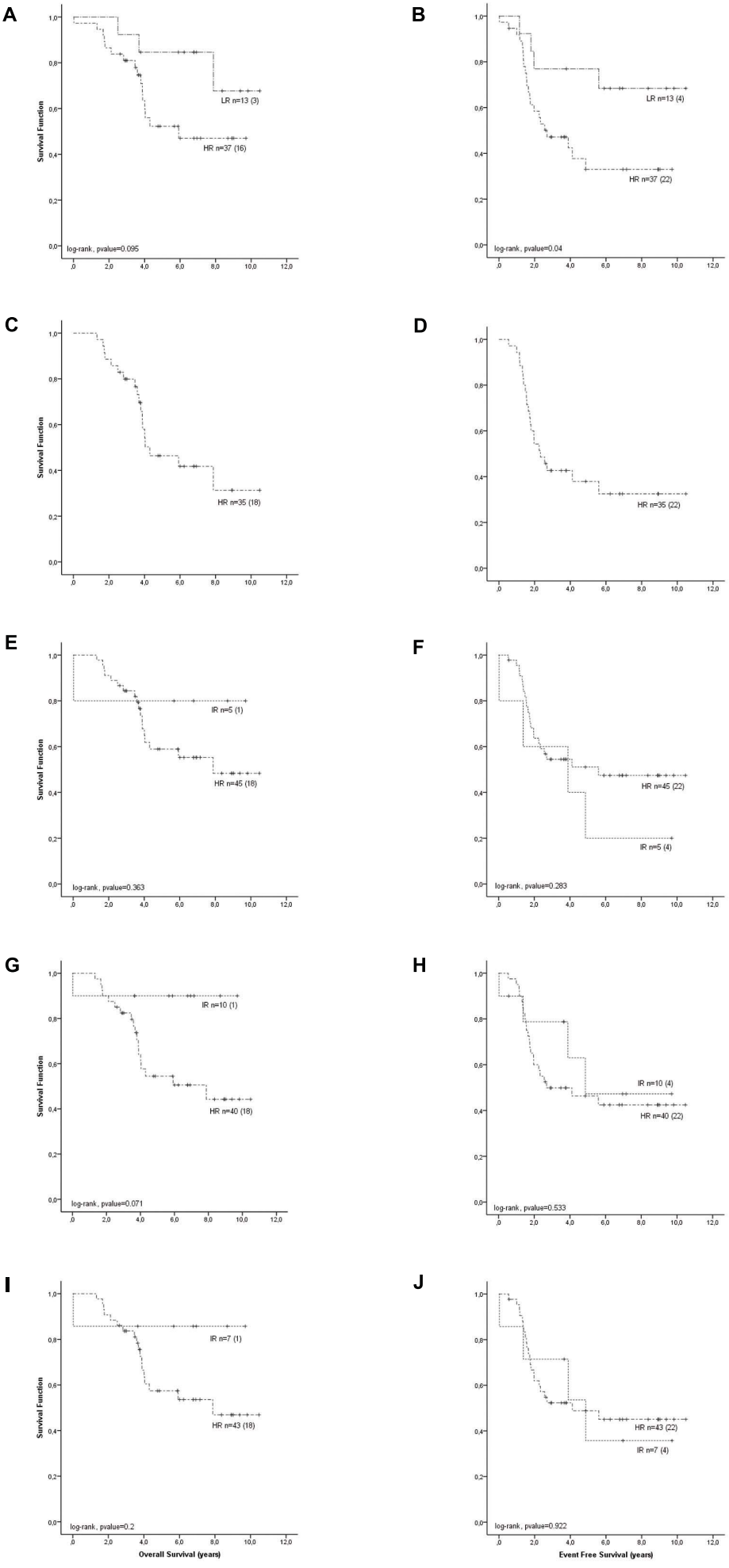
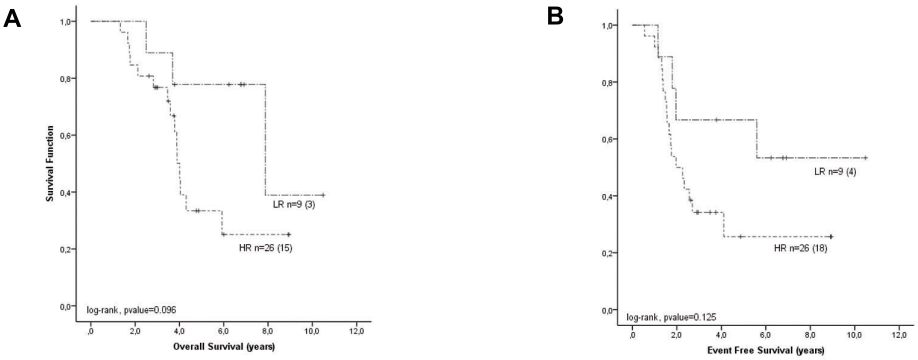
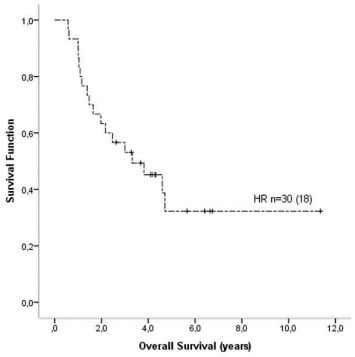


SUPPLEMENTARY FIGURE 9



SUPPLEMENTARY FIGURE 10

A



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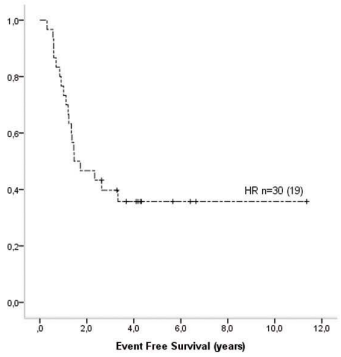
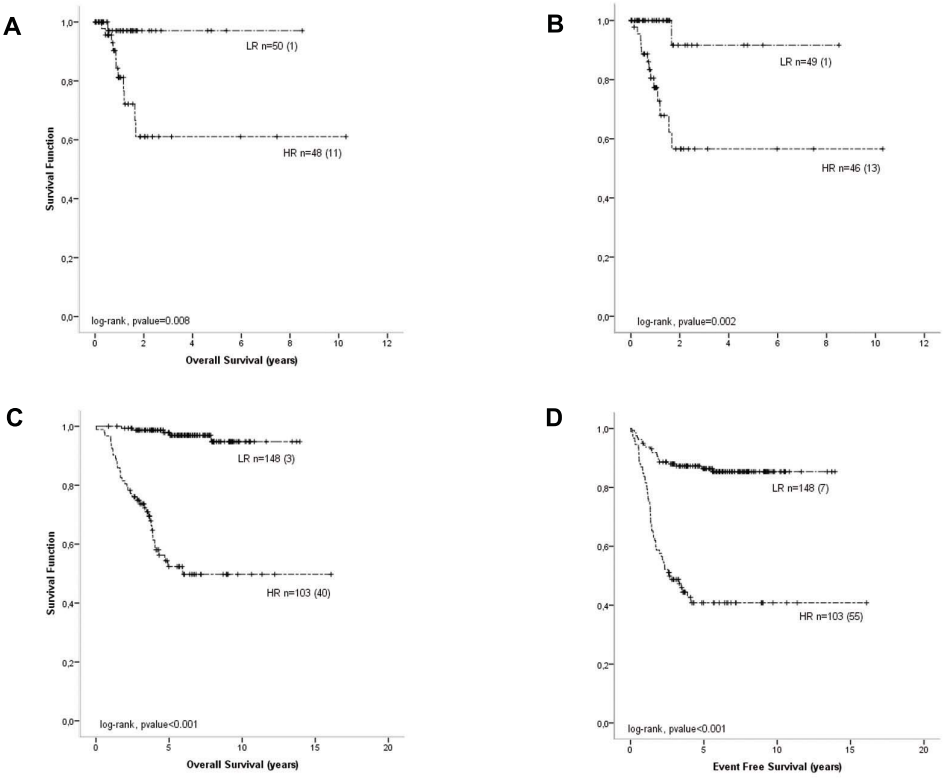


SUPPLEMENTARY FIGURE 11



Supplementary Table 5

Validation Set 3. Classification of patients according to the risk classification system of the INRG and of clinical trials of Germany (GPOH NB2004), United States (COG) and Japan (JANB).

Comparison with the Y96 and YSet3 3-gene signature models.
Age: 0= <18m, 1= >18m; INSS: 0= Stage 1, 2, 3 or 4s, 1= Stage 4; MYCN status: 0= non amplified, 1= amplified; 1p LOH status: 0= normal, 1= LOH; Event: 0= no event, 1= event; Survival Status: 0=alive, 1= dead; n.a.= non available

Sample ID	Age	INSS	MYCN	1pLOH	Event	EFS (months)	Survival Status	OS (months)	INRG	GPOH NB2004	COG	JANB	Y_{96}	Y_{Set3}	Y_{96} Value	Y_{Set3} Value
Set 3 .1	1	0		0	0	45.50	0	46.2	n.a.	n.a.	LR	n.a.	LR	LR	0.81	0.82
Set 3 .2	1	1	1	1	1	39.33	1	56.5	HR	HR	HR	HR	HR	HR	-1.21	-1.37
Set 3 .3	0	0	0	0	0	90.12	0	91.4	LR	LR	LR	LR	LR	LR	0.38	0.45
Set 3 .4	0	1	0	0	0	6.77	0	70.7	n.a.	HR	HR	HR	HR	HR	-0.24	-0.24
Set 3 .5	0	0	0	0	0	77.93	0	79.1	LR	LR	LR	LR	LR	LR	0.52	0.52
Set 3 .6	0	0	0	0	0	9.63	0	93.6	LR	LR	LR	LR	LR	LR	0.86	0.83
Set 3 .7	1	1	0	0	1	23.16	0	81.4	HR	HR	HR	HR	LR	LR	0.26	0.23
Set 3 .8	0	0	0	0	0	97.41	0	98.8	LR	LR	LR	IR	LR	LR	1.02	1.08
Set 3 .9	0	0	0	0	0	30.62	0	47.9	LR	LR	IR	LR	HR	HR	-0.20	-0.19
Set 3 .10	0	0	0	0	0	52.21	0	53.0	IR	LR	LR	LR	LR	LR	0.76	0.75
Set 3 .11	1	1	0	1	1	17.02	1	20.1	HR	HR	HR	HR	HR	HR	-0.84	-0.98
Set 3 .12	0	1	0	0	0	43.24	0	43.9	n.a.	HR	HR	IR	HR	HR	-0.05	-0.04
Set 3 .13	0	0	0	0	0	40.18	0	40.8	LR	LR	LR	LR	LR	LR	0.29	0.39
Set 3 .14	0	0	0	0	0	66	0	67.0	LR	LR	LR	LR	LR	LR	1.11	1.15
Set 3 .15	0	0	0	0	0	74.09	0	75.2	LR	LR	LR	LR	LR	LR	0.08	0.07
Set 3 .16	1	0	1	1	1	13.21	1	13.9	HR	HR	HR	HR	HR	HR	-0.27	-0.33
Set 3 .17	0	0	0	0	0	43.7	0	44.3	LR	LR	LR	LR	LR	LR	0.12	0.16
Set 3 .18	1	1	1	1	0	66.96	0	67.9	HR	HR	HR	HR	HR	HR	-1.46	-1.61
Set 3 .19	0	0	0	0	0	114.07	0	115.7	LR	LR	LR	LR	LR	LR	0.83	0.84
Set 3 .20	0	0	0	0	0	45.08	0	45.7	n.a.	LR	LR	n.a.	LR	LR	0.13	0.03
Set 3 .21	0	0	0	1	0	10.45	0	96.9	n.a.	LR	LR	LR	LR	LR	0.38	0.40
Set 3 .22	0	1	0	1	0	82.2	0	83.4	n.a.	HR	HR	IR	HR	HR	-0.04	-0.04
Set 3 .23	0	0	0	0	0	34.66	0	35.2	LR	LR	LR	LR	LR	LR	0.56	0.51
Set 3 .24	0	0	0	0	0	52.24	0	53.0	LR	LR	LR	LR	LR	LR	0.53	0.53
Set 3 .25	1	1	0	0	0	105.4	0	106.9	HR	HR	HR	HR	HR	HR	-0.36	-0.38
Set 3 .26	0	0	0	0	0	21.39	0	74.3	IR	LR	LR	LR	LR	LR	1.00	1.02
Set 3 .27	0	0	0	0	0	34.4	0	34.9	LR	LR	LR	LR	LR	LR	0.48	0.50
Set 3 .28	0	0	0	0	0	32.66	0	33.1	LR	LR	IR	IR	LR	LR	0.57	0.59
Set 3 .29	0	0	0	0	0	64.43	0	65.4	LR	LR	LR	LR	LR	LR	0.43	0.46
Set 3 .30	0	0	0	0	0	29.01	0	29.4	LR	LR	LR	LR	LR	LR	0.28	0.22
Set 3 .31	1	0	0	0	0	78.09	0	79.2	IR	LR	LR	LR	LR	LR	0.77	0.80
Set 3 .32	0	0	0	0	0	137.69	0	139.7	LR	LR	LR	LR	LR	LR	0.41	0.46
Set 3 .33	0	0	0	0	0	120.54	0	122.3	IR	LR	LR	LR	LR	LR	0.11	0.08
Set 3 .34	0	0	0	0	0	128.07	0	129.9	LR	LR	LR	LR	LR	LR	0.33	0.40

Set 3 .35	0	0	0	0	0	15.93	0	96.1	LR	LR	LR	LR	LR	LR	1.13	1.09
Set 3 .36	0	0	0	0	0	45.14	0	45.8	LR	LR	LR	LR	LR	LR	0.32	0.32
Set 3 .37	0	0	0	0	0	39.79	0	40.4	LR	LR	LR	LR	LR	LR	0.83	0.88
Set 3 .38	0	0	0	0	0	48.2	0	48.9	LR	LR	LR	LR	LR	LR	0.31	0.39
Set 3 .39	0	0	0	0	0	123.79	0	125.6	LR	LR	IR	IR	LR	LR	0.87	0.85
Set 3 .40	0	1	0	0	0	116.11	0	117.8	n.a.	HR	HR	HR	LR	LR	0.68	0.70
Set 3 .41	0	0	0	0	0	23.23	0	23.6	n.a.	LR	LR	LR	LR	LR	0.17	0.17
Set 3 .42	0	0	0	0	0	84.01	0	85.2	LR	LR	LR	LR	LR	LR	1.07	1.08
Set 3 .43	0	0	0	0	0	95.28	0	96.7	LR	LR	LR	LR	LR	LR	0.31	0.32
Set 3 .44	0	0	0	0	1	9.4	0	76.0	LR	LR	LR	LR	LR	LR	0.03	0.09
Set 3 .45	0	0	1	1	0	75.76	0	76.9	HR	HR	HR	HR	HR	HR	-1.30	-1.44
Set 3 .46	1	0	0	0	0	32.3	0	32.8	LR	LR	LR	LR	LR	LR	1.84	1.97
Set 3 .47	1	1	1	1	1	6.6	1	6.9	HR	HR	HR	HR	HR	HR	-1.59	-1.71
Set 3 .48	1	1	0	0	1	21.19	1	30.0	HR	HR	HR	HR	LR	LR	0.07	0.22
Set 3 .49	0	0	0	1	0	76.12	0	77.2	LR	LR	LR	LR	HR	HR	-0.06	-0.05
Set 3 .50	0	0	0	0	0	87.43	0	88.7	LR	LR	LR	LR	LR	LR	0.55	0.55
Set 3 .51	1	1	0	0	1	20.73	1	46.6	HR	HR	HR	HR	HR	HR	-0.63	-0.58
Set 3 .52	1	1	0	0	1	16.33	1	48.2	HR	HR	HR	HR	HR	HR	-0.45	-0.38
Set 3 .53	0	0	0	0	0	67.06	0	68.0	LR	LR	LR	LR	LR	LR	0.34	0.31
Set 3 .54	1	1	0	1	1	18.46	0	57.2	HR	HR	HR	HR	HR	HR	-0.47	-0.48
Set 3 .55	0	0	0	0	0	108.19	0	109.8	LR	LR	LR	LR	LR	LR	1.07	1.09
Set 3 .56	0	1	0	0	0	84.63	0	85.9	n.a.	HR	HR	HR	HR	HR	-0.05	-0.12
Set 3 .57	1	0	0	0	0	91.33	0	92.7	LR	LR	LR	LR	LR	LR	0.19	0.20
Set 3 .58	1	1	1	1	1	31.08	1	45.8	HR	HR	HR	HR	HR	HR	-1.36	-1.50
Set 3 .59	1	1	0	0	0	57.56	0	58.4	HR	HR	HR	HR	HR	HR	-0.86	-0.84
Set 3 .60	0	0	1	1	0	51.09	0	51.8	HR	HR	HR	HR	HR	HR	-0.37	-0.46
Set 3 .61	1	1	0	1	0	44.71	0	45.4	HR	HR	HR	HR	LR	LR	0.30	0.40
Set 3 .62	0	0	0	0	0	88.94	0	90.2	LR	LR	IR	LR	LR	LR	0.61	0.61
Set 3 .63	1	1	0	0	0	123.96	0	125.8	HR	HR	HR	HR	LR	LR	0.98	1.01
Set 3 .64	0	0	0	0	0	86.7	0	88.0	LR	LR	LR	LR	LR	LR	0.13	0.24
Set 3 .65	0	0	0	0	0	71.49	0	72.5	HR	LR	LR	LR	HR	HR	-0.22	-0.19
Set 3 .66	1	1	0	0	1	18.23	1	25.4	HR	HR	HR	HR	HR	HR	-0.40	-0.40
Set 3 .67	0	0	0	0	1	9.72	0	46.4	LR	LR	IR	LR	HR	HR	-0.57	-0.53
Set 3 .68	1	1	0	1	1	31.87	1	46.7	HR	HR	HR	HR	HR	HR	-1.05	-1.06
Set 3 .69	0	0	0	0	0	124.09	0	125.9	n.a.	LR	LR	LR	LR	LR	0.53	0.66
Set 3 .70	0	0	0	0	0	93.6	0	95.0	LR	LR	IR	LR	LR	LR	0.59	0.57
Set 3 .71	1	0	0	0	0	115.29	0	117.0	n.a.	LR	LR	LR	LR	LR	0.35	0.41
Set 3 .72	1	0	0	0	0	67.22	0	68.2	n.a.	LR	LR	LR	LR	LR	0.74	0.77
Set 3 .73	1	0	0	0	0	164.9	0	167.3	IR	LR	LR	LR	LR	LR	0.99	1.03
Set 3 .74	1	0	1	1	0	49.41	0	50.1	HR	HR	HR	HR	HR	HR	-2.29	-2.47
Set 3 .75	0	0	0	0	0	99.58	0	101.0	LR	LR	LR	LR	LR	LR	0.42	0.49
Set 3 .76	0	1	0	0	0	114.76	0	116.4	n.a.	IR	IR	IR	HR	HR	-0.82	-0.88

Set 3 .77	1	0	1	1	0	38.8	0	39.4	HR	HR	HR	HR	HR	HR	-0.83	-0.95
Set 3 .78	1	0	1	1	0	50.63	0	51.4	HR	HR	HR	HR	HR	HR	-1.84	-2.02
Set 3 .79	1	0	0	0	1	22.51	0	76.2	IR	IR	HR	IR	LR	LR	0.13	0.26
Set 3 .80	0	0	0	0	0	68.8	0	69.8	LR	LR	LR	LR	LR	LR	1.60	1.59
Set 3 .81	1	0	1	1	0	78.55	0	79.7	HR	HR	HR	HR	HR	HR	-1.74	-1.98
Set 3 .82	0	0	0	0	0	72.08	0	73.1	LR	LR	LR	LR	LR	LR	0.10	0.13
Set 3 .83	0	0	0	0	0	108.52	0	110.1	LR	LR	LR	LR	LR	LR	0.93	0.98
Set 3 .84	0	0	0	0	0	66.43	0	67.4	LR	LR	LR	LR	LR	LR	0.47	0.53
Set 3 .85	0	0	0	0	0	107.33	0	108.9	LR	LR	LR	LR	LR	LR	0.72	0.75
Set 3 .86	0	0	0	1	0	92.85	0	94.2	IR	IR	LR	LR	LR	LR	0.21	0.22
Set 3 .87	0	0	0	0	0	112.39	0	114.0	LR	LR	n.a.	IR	LR	LR	0.59	0.58
Set 3 .88	0	0	0	0	0	58.94	0	59.8	LR	LR	LR	LR	LR	LR	0.58	0.61
Set 3 .89	0	1	1	1	1	10.71	1	13.0	HR	HR	HR	HR	HR	HR	-1.37	-1.50
Set 3 .90	1	1	0	0	1	30.29	1	41.6	HR	HR	HR	HR	HR	HR	-0.70	-0.75
Set 3 .91	0	0	0	0	0	69.03	0	70.0	LR	LR	LR	LR	LR	LR	0.67	0.68
Set 3 .92	1	1	0	1	1	66.23	1	67.2	HR	HR	HR	HR	LR	LR	0.35	0.46
Set 3 .93	1	1	0	1	0	105.76	0	107.3	HR	HR	HR	HR	HR	HR	-0.30	-0.31
Set 3 .94	0	0	0	0	0	107.86	0	109.4	LR	LR	LR	LR	LR	LR	0.74	0.75
Set 3 .95	0	1	0	0	1	57.56	0	81.3	n.a.	IR	IR	IR	HR	HR	-0.08	-0.15
Set 3 .96	1	1	0	0	1	27.53	1	51.6	HR	HR	HR	HR	HR	HR	-0.56	-0.61
Set 3 .97	0	0	1	1	1	3.68	0	80.8	HR	HR	LR	HR	HR	HR	-0.84	-0.84
Set 3 .98	0	0	0	0	0	60.02	0	60.9	LR	LR	LR	LR	LR	LR	0.28	0.33
Set 3 .99	1	1	0	0	1	19.48	1	45.4	HR	HR	HR	HR	HR	HR	-0.74	-0.74
Set 3 .100	0	0	0	0	0	87.75	0	89.0	LR	LR	LR	LR	LR	LR	0.82	0.89
Set 3 .101	0	0	0	0	0	86.47	0	87.7	LR	LR	LR	LR	LR	LR	0.70	0.81
Set 3 .102	1	0	0	0	0	94.85	0	96.2	LR	LR	LR	LR	LR	LR	0.56	0.65
Set 3 .103	0	0	0	0	0	95.54	0	96.9	LR	LR	LR	LR	LR	LR	1.28	1.25
Set 3 .104	1	1	0	0	1	13.6	1	44.2	HR	HR	HR	HR	LR	LR	0.46	0.56
Set 3 .105	1	0	0	0	0	63.21	0	64.1	IR	LR	LR	LR	HR	HR	-0.11	-0.09
Set 3 .106	0	0	0	0	0	60.22	0	61.1	LR	LR	IR	LR	LR	LR	0.41	0.35
Set 3 .107	0	0	0	0	0	124.91	0	126.7	LR	LR	LR	LR	LR	LR	0.35	0.32
Set 3 .108	1	1	0	0	0	73.72	0	74.8	HR	HR	HR	HR	LR	LR	0.13	0.13
Set 3 .109	0	0	0	0	0	109.24	0	110.8	n.a.	LR	LR	LR	LR	LR	0.40	0.47
Set 3 .110	1	1	0	0	1	26.68	1	48.5	HR	HR	HR	HR	HR	HR	-0.31	-0.29
Set 3 .111	1	0	1	1	0	48.53	0	49.2	HR	HR	HR	HR	HR	HR	-1.69	-1.76
Set 3 .112	0	0	0	0	0	108.81	0	110.4	LR	LR	LR	LR	LR	LR	0.89	0.95
Set 3 .113	1	0	0	0	0	71.39	0	72.4	LR	LR	LR	LR	LR	LR	0.79	0.91
Set 3 .114	1	1	0	1	0	81.84	0	83.0	HR	HR	HR	HR	LR	LR	0.01	0.03
Set 3 .115	0	0	0	0	0	59.1	0	60.0	LR	LR	LR	LR	LR	LR	0.66	0.67
Set 3 .116	0	1	0	0	0	69.82	0	70.8	n.a.	HR	HR	HR	LR	LR	0.62	0.59
Set 3 .117	0	0	0	0	0	107.63	0	109.2	LR	LR	LR	LR	LR	LR	0.82	0.89
Set 3 .118	1	1	0	0	0	80.07	0	81.2	HR	HR	HR	HR	LR	LR	0.17	0.18

Set 3 .119	0	0	0	0	0	65.58	0	66.5	LR	LR	LR	LR	LR	LR	0.59	0.62
Set 3 .120	1	1	0	0	1	15.97	1	43.1	HR	HR	HR	HR	HR	HR	-1.44	-1.57
Set 3 .121	0	0	0	0	0	110.29	0	111.9	LR	LR	LR	LR	LR	LR	1.12	1.19
Set 3 .122	1	1	0	0	0	111.01	0	112.6	n.a.	HR	HR	HR	LR	LR	0.33	0.24
Set 3 .123	1	1	1	1	0	134.37	0	136.3	HR	HR	HR	HR	HR	HR	-0.81	-0.91
Set 3 .124	1	0	0	0	0	111.31	0	112.9	IR	LR	LR	LR	LR	LR	0.26	0.34
Set 3 .125	0	0	0	0	0	103.92	0	105.4	LR	LR	LR	LR	LR	LR	0.44	0.51
Set 3 .126	0	0	0	0	0	71.75	0	72.8	n.a.	LR	LR	LR	LR	LR	0.24	0.23
Set 3 .127	0	0	0	0	0	58.41	0	59.3	LR	LR	LR	LR	LR	LR	0.63	0.66
Set 3 .128	0	0	0	0	0	69.75	0	70.8	LR	LR	LR	LR	LR	LR	0.90	0.91
Set 3 .129	0	0	0	0	0	76.52	0	77.6	LR	LR	LR	LR	LR	LR	0.65	0.66
Set 3 .130	0	0	1	1	1	20.37	1	36.0	HR	HR	HR	HR	HR	HR	-1.23	-1.37
Set 3 .131	0	1	0	0	0	106.74	0	108.3	n.a.	HR	HR	HR	HR	HR	-0.39	-0.23
Set 3 .132	0	0	0	0	0	109.86	0	111.5	LR	LR	LR	LR	LR	LR	0.60	0.58
Set 3 .133	1	1	0	0	1	11.73	1	16.0	HR	HR	HR	HR	HR	HR	-0.28	-0.18
Set 3 .134	0	0	0	0	0	100.76	0	102.2	IR	LR	LR	LR	LR	LR	0.50	0.55
Set 3 .135	0	0	0	0	0	94.46	0	95.8	LR	LR	LR	LR	LR	LR	0.10	0.10
Set 3 .136	1	1	0	1	1	13.83	1	21.3	HR	HR	HR	HR	HR	HR	-1.01	-1.07
Set 3 .137	1	0	0	0	0	28.78	0	29.2	IR	LR	LR	LR	LR	LR	0.88	0.89
Set 3 .138	1	1	0	0	1	48.62	0	72.1	HR	HR	HR	HR	HR	HR	-0.68	-0.70
Set 3 .139	0	1	0	0	0	98.92	0	100.4	n.a.	HR	HR	HR	LR	LR	0.12	0.08
Set 3 .140	1	1	0	1	1	6.44	1	33.8	HR	HR	HR	HR	HR	HR	-1.33	-1.51
Set 3 .141	1	1	1	1	1	11.93	1	35.4	HR	HR	HR	HR	HR	HR	-1.97	-2.10
Set 3 .142	0	1	1	1	1	15.84	1	29.6	HR	HR	HR	HR	HR	HR	-2.24	-2.36
Set 3 .143	1	1	1	1	1	14.55	1	26.1	HR	HR	HR	HR	HR	HR	-2.19	-2.29
Set 3 .144	0	0	0	0	1	13.11	1	14.0	HR	LR	LR	LR	HR	HR	-0.26	-0.36
Set 3 .145	0	0	0	0	1	1.77	0	43.6	IR	LR	LR	LR	HR	HR	-0.62	-0.68
Set 3 .146	1	0	0	1	1	1.84	1	17.4	IR	IR	LR	LR	HR	HR	-0.09	-0.16
Set 3 .147	1	1	0	0	1	20.44	1	71.1	HR	HR	HR	HR	HR	HR	-0.60	-0.53
Set 3 .148	1	1	0	1	1	17.48	1	20.9	HR	HR	HR	HR	HR	HR	-0.12	-0.12
Set 3 .149	0	1	0	0	1	0.3	1	0.3	n.a.	IR	IR	IR	HR	HR	-1.07	-0.99
Set 3 .150	0	1	1	1	1	6.97	1	7.3	HR	HR	HR	HR	HR	HR	-1.44	-1.55
Set 3 .151	1	1	1	1	1	27.6	1	39.7	HR	HR	HR	HR	HR	HR	-0.87	-0.98
Set 3 .152	1	1	1	1	1	10.02	1	12.5	HR	HR	HR	HR	HR	HR	-0.82	-0.91
Set 3 .153	0	0	0	0	0	31.51	0	32.0	n.a.	LR	LR	LR	HR	HR	-0.65	-0.59
Set 3 .154	0	0	0	0	0	30.85	0	31.3	LR	LR	LR	LR	HR	HR	-0.09	-0.05
Set 3 .155	0	0	0	0	0	85.19	0	86.4	LR	LR	IR	LR	LR	LR	0.47	0.54
Set 3 .156	0	0	0	0	0	125.9	0	127.7	LR	LR	IR	LR	HR	HR	-0.18	-0.18
Set 3 .157	1	0	0	0	0	58.91	0	59.8	LR	LR	LR	LR	HR	HR	-0.94	-0.88
Set 3 .158	0	0	0	0	0	36.76	0	37.3	LR	LR	LR	LR	LR	LR	0.14	0.20
Set 3 .159	0	1	0	0	1	16.2	0	104.3	n.a.	IR	IR	IR	HR	HR	-1.98	-1.80
Set 3 .160	0	0	0	0	0	67.58	0	68.6	LR	LR	LR	LR	HR	HR	-0.59	-0.45

Set 3 .161	0	0	0	1	1	6.8	0	38.6	HR	LR	LR	LR	HR	HR	-0.81	-0.80
Set 3 .162	1	0	0	0	1	11.93	0	16.6	LR	LR	LR	LR	HR	HR	-0.92	-1.01
Set 3 .163	0	0	0	0	1	22.14	1	60.7	IR	LR	LR	LR	HR	HR	-1.32	-1.42
Set 3 .164	1	0	1	1	1	8.21	1	12.1	HR	HR	HR	HR	HR	HR	-2.61	-2.86
Set 3 .165	0	0	0	0	1	3.45	0	146.7	LR	LR	LR	LR	HR	HR	-0.99	-1.09
Set 3 .166	1	0	1	1	1	17.15	1	55.2	HR	HR	HR	HR	HR	HR	-1.41	-1.49
Set 3 .167	0	1	1	1	1	14.23	1	23.7	HR	HR	HR	HR	HR	HR	-1.22	-1.36
Set 3 .168	1	0	0	0	1	24.94	1	59.1	LR	LR	LR	LR	HR	HR	-0.81	-0.81
Set 3 .169	0	0	0	0	0	16.95	0	17.2	LR	LR	LR	LR	LR	LR	1.10	1.08
Set 3 .170	0	0	0	0	0	72.18	0	73.2	LR	LR	IR	IR	LR	LR	0.48	0.49
Set 3 .171	0	0	0	1	0	106.78	0	108.3	IR	IR	IR	LR	LR	LR	0.08	0.01
Set 3 .172	0	0	0	0	0	162.23	0	164.6	LR	LR	IR	LR	HR	HR	-0.09	-0.09
Set 3 .173	1	0	0	0	1	40.94	0	66.6	IR	IR	HR	IR	HR	HR	-0.84	-0.91
Set 3 .174	1	0	0	0	0	55.79	0	56.6	LR	IR	IR	IR	LR	LR	1.28	1.28
Set 3 .175	0	0	0	0	0	66.23	0	94.5	IR	LR	IR	LR	LR	LR	0.69	0.74
Set 3 .176	0	0	0	1	0	44.78	0	45.4	IR	IR	IR	LR	LR	LR	0.65	0.69
Set 3 .177	0	0	0	0	0	45.93	0	46.6	LR	LR	IR	LR	LR	LR	0.28	0.40
Set 3 .178	0	0	0	0	0	35.71	0	36.2	LR	LR	IR	LR	HR	HR	-0.13	-0.17
Set 3 .179	0	0	0	0	0	54.28	0	55.1	LR	LR	LR	LR	LR	LR	1.44	1.27
Set 3 .180	0	0	0	0	0	37.06	0	62.7	LR	LR	IR	LR	LR	LR	1.09	0.98
Set 3 .181	0	0	0	0	0	41.95	0	42.6	LR	LR	LR	LR	HR	HR	-0.09	-0.14
Set 3 .182	0	0	0	0	0	79.7	0	80.9	n.a.	LR	LR	LR	LR	LR	0.29	0.25
Set 3 .183	0	0	0	0	0	115.42	0	117.1	LR	LR	IR	IR	LR	LR	0.19	0.10
Set 3 .184	0	0	0	0	0	59.1	0	60.0	LR	LR	LR	LR	LR	LR	0.61	0.59
Set 3 .185	0	0	0	0	0	54.34	0	55.1	LR	LR	LR	LR	LR	LR	1.08	1.15
Set 3 .186	0	0	0	0	0	88.05	0	89.3	LR	LR	LR	LR	LR	LR	0.14	0.23
Set 3 .187	0	0	0	0	0	50.14	0	50.9	LR	LR	LR	LR	LR	LR	1.07	1.07
Set 3 .188	0	0	0	0	0	26.15	0	26.5	LR	LR	LR	LR	LR	LR	0.65	0.73
Set 3 .189	0	0	0	0	0	61.01	0	61.9	LR	LR	LR	LR	LR	LR	0.39	0.42
Set 3 .190	0	0	0	0	0	6.31	0	50.3	LR	LR	LR	LR	LR	LR	1.32	1.35
Set 3 .191	0	0	0	0	0	33.38	0	33.9	LR	LR	LR	LR	HR	HR	-0.64	-0.56
Set 3 .192	0	0	0	0	0	95.54	0	96.9	LR	LR	LR	LR	LR	LR	0.67	0.73
Set 3 .193	0	0	0	0	0	67.52	0	68.5	LR	LR	LR	LR	LR	LR	0.01	0.05
Set 3 .194	0	0	0	0	0	158.62	0	160.9	n.a.	LR	LR	LR	LR	LR	0.30	0.31
Set 3 .195	0	0	0	0	0	83.75	0	85.0	n.a.	LR	LR	LR	LR	LR	0.74	0.74
Set 3 .196	0	0	0	0	0	71.2	0	72.2	LR	LR	LR	LR	LR	LR	0.02	0.12
Set 3 .197	0	0	0	0	0	34.92	0	35.4	LR	LR	LR	LR	LR	LR	0.06	0.14
Set 3 .198	0	0	0	0	0	74.71	0	75.8	LR	LR	IR	LR	LR	LR	0.62	0.68
Set 3 .199	0	0	0	0	0	10.18	0	10.3	n.a.	n.a.	IR	LR	LR	LR	0.94	0.95
Set 3 .200	0	0	0	0	0	109.9	0	111.5	n.a.	LR	LR	LR	LR	LR	0.55	0.60
Set 3 .201	0	0	0	0	0	81.05	0	82.2	LR	LR	LR	LR	LR	LR	0.34	0.22
Set 3 .202	0	0	0	0	0	94	0	95.4	LR	LR	LR	LR	LR	LR	1.31	1.36

Set 3 .203	0	0	0	0	0	90.38	0	91.7	LR	LR	LR	LR	LR	LR	0.97	1.02
Set 3 .204	1	1	0	1	0	44.32	0	45.0	HR	HR	HR	HR	HR	HR	-0.24	-0.19
Set 3 .205	0	0	0	0	0	121.56	0	123.3	LR	LR	LR	LR	LR	LR	1.13	1.13
Set 3 .206	0	0	0	0	0	61.14	0	62.0	LR	LR	LR	LR	LR	LR	0.68	0.65
Set 3 .207	0	0	0	0	0	93.83	0	95.2	LR	LR	LR	LR	LR	LR	0.73	0.76
Set 3 .208	0	0	0	0	0	1.08	0	80.5	IR	LR	LR	LR	LR	LR	1.20	1.17
Set 3 .209	0	0	0	0	0	5.52	0	78.9	LR	LR	LR	LR	LR	LR	1.36	1.32
Set 3 .210	1	0	0	1	0	28.35	0	28.8	IR	LR	LR	LR	LR	LR	0.59	0.76
Set 3 .211	0	0	0	0	0	33.74	0	34.2	IR	LR	LR	LR	HR	HR	-0.28	-0.19
Set 3 .212	0	0	0	0	0	4.34	0	70.6	LR	LR	LR	LR	LR	LR	2.08	1.99
Set 3 .213	1	0	1	1	0	43.5	0	44.1	HR	HR	HR	HR	HR	HR	-1.44	-1.57
Set 3 .214	1	0	0	1	0	91.79	0	93.1	IR	IR	IR	IR	LR	LR	1.33	1.31
Set 3 .215	1	1	1	1	0	31.05	0	31.5	HR	HR	HR	HR	HR	HR	-1.53	-1.68
Set 3 .216	0	0	0	0	0	41.66	0	42.3	n.a.	LR	LR	LR	HR	HR	-0.15	-0.09
Set 3 .217	0	0	0	0	1	41.46	0	42.3	LR	LR	LR	LR	HR	HR	-1.09	-0.98
Set 3 .218	0	0	0	0	0	33.41	0	33.9	LR	LR	LR	LR	LR	LR	0.17	0.31
Set 3 .219	0	0	0	0	0	38.21	0	38.8	HR	LR	LR	LR	HR	HR	-1.46	-1.33
Set 3 .220	1	1	0	0	0	34.92	0	35.4	HR	HR	HR	HR	HR	HR	-2.21	-2.07
Set 3 .221	1	1	0	0	0	31.01	0	31.5	HR	HR	HR	HR	HR	HR	-1.13	-1.08
Set 3 .222	0	0	0	0	0	71.75	0	72.8	IR	LR	IR	IR	HR	HR	-0.43	-0.37
Set 3 .223	1	0	0	1	1	15.87	1	28.2	IR	IR	HR	IR	HR	HR	-2.05	-2.05
Set 3 .224	0	0	0	0	0	63.54	0	64.5	LR	LR	LR	LR	LR	LR	0.67	0.64
Set 3 .225	0	1	0	0	0	43.24	0	43.9	n.a.	HR	HR	HR	HR	HR	-2.63	-2.55
Set 3 .226	1	1	1	1	1	7.03	1	12.0	HR	HR	HR	HR	HR	HR	-2.67	-2.78
Set 3 .227	1	1	0	1	1	15.61	1	20.0	HR	HR	HR	HR	HR	HR	-2.22	-2.19
Set 3 .228	0	0	0	0	0	81.41	0	82.6	LR	LR	LR	LR	LR	LR	1.27	1.14
Set 3 .229	0	0	0	0	0	73.82	0	74.9	LR	LR	LR	LR	LR	LR	2.12	2.06
Set 3 .230	0	0	0	0	0	77.37	0	78.5	IR	LR	LR	LR	HR	HR	-0.50	-0.47
Set 3 .231	0	0	0	0	0	52.27	0	53.0	LR	LR	LR	LR	LR	LR	1.36	1.24
Set 3 .232	0	0	0	0	0	40.05	0	40.6	LR	LR	LR	LR	LR	LR	1.09	1.08
Set 3 .233	0	0	0	0	0	39	0	39.6	LR	LR	LR	LR	LR	LR	2.23	2.16
Set 3 .234	0	0	0	0	0	54.74	0	55.5	IR	LR	LR	LR	LR	LR	0.68	0.67
Set 3 .235	0	0	0	0	0	52.44	0	53.2	LR	LR	LR	LR	LR	LR	0.81	0.76
Set 3 .236	1	0	1	0	1	17.22	1	19.7	HR	HR	LR	HR	HR	HR	-1.52	-1.64
Set 3 .237	0	0	0	0	0	74.68	0	75.8	LR	LR	LR	LR	HR	HR	-0.10	-0.01
Set 3 .238	0	0	0	0	0	39.39	0	40.0	LR	LR	LR	LR	HR	HR	-0.29	-0.28
Set 3 .239	0	1	0	0	1	45.96	0	68.1	n.a.	IR	IR	IR	HR	HR	-0.29	-0.24
Set 3 .240	0	0	0	0	0	190.19	0	193.0	n.a.	n.a.	IR	LR	HR	HR	-0.17	-0.16
Set 3 .241	1	0	0	0	0	37.09	0	37.6	IR	IR	HR	IR	LR	LR	1.58	1.69
Set 3 .242	0	0	0	0	0	4.4	0	69.4	LR	LR	LR	LR	LR	LR	0.12	0.10
Set 3 .243	0	0	0	0	0	46.26	0	46.9	LR	LR	LR	LR	LR	LR	1.99	1.98
Set 3 .244	0	0	0	0	0	46.19	0	46.9	LR	LR	LR	LR	LR	LR	0.73	0.64

Set 3 .245	1	0	1	0	1	16.13	1	17.7	HR	HR	HR	HR	HR	HR	-2.89	-3.06
Set 3 .246	1	1	0	0	1	25.63	0	28.0	HR	HR	HR	IR	HR	HR	-1.78	-1.76
Set 3 .247	0	0	0	1	0	42.94	0	43.6	HR	HR	LR	HR	HR	HR	-1.55	-1.44
Set 3 .248	1	1	0	0	1	23.26	0	36.2	HR	HR	HR	HR	HR	HR	-1.23	-1.13
Set 3 .249	0	0	0	0	1	3.22	0	102.4	LR	LR	IR	LR	LR	LR	0.07	0.08
Set 3 .250	1	1	0	0	0	34.27	0	34.8	HR	HR	HR	HR	HR	HR	-0.11	-0.10
Set 3 .251	1	1	0	0	0	41.36	0	42.0	HR	HR	HR	HR	HR	HR	-2.15	-2.17

Supplementary Table 1

Characteristics of the pimary NB tumors used to develop and validate the prognostic model by qR

Training cohort of 96 NB cases:(Grey) cases used to develop the Y36 model; (White) 60 cases used to te

Age: 0= <18m, 1= >18m; INSS: 0= Stage 1, 2, 3 or 4s, 1= Stage 4; MYCN status: 0= non

Sample ID	Analysis	Age	INSS_Stage	MYCN	1pLOH
1	training set	0	0	0	0
2	training set	1	1	0	0
3	training set	0	0	0	1
4	training set	0	1	0	n.a.
5	training set	0	0	0	0
6	training set	1	1	0	0
7	training set	0	0	0	0
8	training set	0	0	0	0
9	training set	1	1	0	0
10	training set	1	0	1	1
11	training set	0	0	0	0
12	training set	1	0	0	0
13	training set	1	1	1	0
14	training set	1	1	1	1
15	training set	1	1	0	0
16	training set	0	1	1	1
17	training set	0	1	1	1
18	training set	0	1	0	0
19	training set	1	1	1	n.a.
20	training set	1	0	1	n.a.
21	training set	1	0	0	1
22	training set	1	0	1	1
23	training set	1	0	1	n.a.
24	training set	1	1	0	n.a.
25	training set	0	0	0	n.a.
26	training set	0	0	0	0
27	training set	1	0	0	0
28	training set	0	0	0	0
29	training set	0	0	0	0
30	training set	0	0	0	0
31	training set	0	0	0	0
32	training set	0	1	0	n.a.
33	training set	0	0	1	n.a.
34	training set	1	1	0	n.a.
35	training set	1	1	1	n.a.
36	training set	1	1	0	n.a.
37	training set	1	1	0	0
38	training set	1	0	1	n.a.
39	training set	1	0	0	n.a.
40	training set	1	1	0	n.a.
41	training set	0	0	0	n.a.
42	training set	0	0	0	n.a.
43	training set	1	0	0	n.a.
44	training set	1	1	0	n.a.
45	training set	0	0	0	n.a.
46	training set	0	0	0	n.a.
47	training set	0	0	0	0
48	training set	1	1	1	0
49	training set	1	0	0	1
50	training set	1	0	0	0
51	training set	1	0	1	1

52	training set	0	0	0	0
53	training set	1	0	0	0
54	training set	0	0	0	1
55	training set	0	0	0	0
56	training set	0	0	0	0
57	training set	0	0	0	0
58	training set	1	0	0	0
59	training set	1	1	0	0
60	training set	0	0	0	n.a.
61	training set	1	1	1	n.a.
62	training set	0	0	0	n.a.
63	training set	1	0	0	n.a.
64	training set	1	0	0	n.a.
65	training set	1	0	0	n.a.
66	training set	1	1	0	n.a.
67	training set	1	1	0	n.a.
68	training set	1	1	0	n.a.
69	training set	1	1	0	n.a.
70	training set	1	1	0	n.a.
71	training set	1	0	0	n.a.
72	training set	0	1	1	n.a.
73	training set	1	0	0	n.a.
74	training set	1	0	0	n.a.
75	training set	0	0	0	n.a.
76	training set	0	1	0	n.a.
77	training set	1	0	0	n.a.
78	training set	1	0	0	0
79	training set	0	0	0	0
80	training set	0	0	0	0
81	training set	0	0	1	n.a.
82	training set	1	1	0	1
83	training set	0	0	0	0
84	training set	0	0	0	n.a.
85	training set	1	0	0	n.a.
86	training set	0	0	1	n.a.
87	training set	0	0	0	n.a.
88	training set	0	0	0	n.a.
89	training set	1	1	0	n.a.
90	training set	1	0	1	n.a.
91	training set	1	1	0	n.a.
92	training set	1	1	0	n.a.
93	training set	0	0	0	n.a.
94	training set	0	0	0	n.a.
95	training set	0	0	0	n.a.
96	training set	1	1	1	n.a.
Set 1.1	testing Set 1	1	1	0	1
Set 1.2	testing Set 1	1	0	0	0
Set 1.3	testing Set 1	0	1	0	0
Set 1.4	testing Set 1	0	0	0	0
Set 1.5	testing Set 1	0	0	0	0
Set 1.6	testing Set 1	0	0	0	0
Set 1.7	testing Set 1	0	1	0	0
Set 1.8	testing Set 1	0	0	0	0
Set 1.9	testing Set 1	1	1	0	0
Set 1.10	testing Set 1	1	1	0	0
Set 1.11	testing Set 1	0	1	1	0
Set 1.12	testing Set 1	1	0	0	0
Set 1.13	testing Set 1	0	0	0	0

Set 1.14	testing Set 1	1	1	0	0
Set 1.15	testing Set 1	1	1	1	1
Set 1.16	testing Set 1	0	1	0	0
Set 1.17	testing Set 1	0	0	0	0
Set 1.18	testing Set 1	0	0	0	0
Set 1.19	testing Set 1	1	0	0	0
Set 1.20	testing Set 1	0	1	0	0
Set 1.21	testing Set 1	0	1	0	0
Set 1.22	testing Set 1	1	1	1	0
Set 1.23	testing Set 1	0	0	0	0
Set 1.24	testing Set 1	1	1	1	1
Set 1.25	testing Set 1	1	1	0	0
Set 1.26	testing Set 1	0	0	0	0
Set 1.27	testing Set 1	0	0	0	0
Set 1.28	testing Set 1	1	1	0	1
Set 1.29	testing Set 1	1	1	0	0
Set 1.30	testing Set 1	0	0	0	0
Set 1.31	testing Set 1	0	0	0	0
Set 1.32	testing Set 1	0	0	0	0
Set 1.33	testing Set 1	0	0	1	1
Set 1.34	testing Set 1	0	0	0	0
Set 1.35	testing Set 1	1	0	0	0
Set 1.36	testing Set 1	1	1	0	1
Set 1.37	testing Set 1	0	0	0	1
Set 1.38	testing Set 1	0	0	0	0
Set 1.39	testing Set 1	0	0	0	0
Set 1.40	testing Set 1	0	0	0	0
Set 1.41	testing Set 1	0	0	0	0
Set 1.42	testing Set 1	0	0	0	0
Set 1.43	testing Set 1	1	1	0	0
Set 1.44	testing Set 1	0	0	0	0
Set 1.45	testing Set 1	0	0	1	1
Set 1.46	testing Set 1	0	0	1	1
Set 1.47	testing Set 1	0	0	0	0
Set 1.48	testing Set 1	0	0	0	0
Set 1.49	testing Set 1	1	0	0	0
Set 1.50	testing Set 1	1	1	0	1
Set 1.51	testing Set 1	0	0	0	0
Set 1.52	testing Set 1	0	0	0	0
Set 1.53	testing Set 1	0	1	0	0
Set 1.54	testing Set 1	0	0	0	0
Set 1.55	testing Set 1	0	0	0	0
Set 1.56	testing Set 1	1	1	0	0
Set 1.57	testing Set 1	1	1	0	1
Set 1.58	testing Set 1	0	0	0	0
Set 1.59	testing Set 1	0	1	0	0
Set 1.60	testing Set 1	0	0	0	0
Set 1.61	testing Set 1	1	1	0	0
Set 1.62	testing Set 1	1	1	0	0
Set 1.63	testing Set 1	1	1	0	1
Set 1.64	testing Set 1	0	0	0	0
Set 1.65	testing Set 1	1	0	0	1
Set 1.66	testing Set 1	0	1	1	1
Set 1.67	testing Set 1	1	1	0	0
Set 1.68	testing Set 1	1	1	1	1
Set 1.69	testing Set 1	0	0	1	1
Set 1.70	testing Set 1	0	0	0	0
Set 1.71	testing Set 1	1	1	1	1

Set 1.72	testing Set 1	0	0	0	0
Set 1.73	testing Set 1	1	1	1	1
Set 1.74	testing Set 1	0	1	0	0
Set 1.75	testing Set 1	1	1	1	1
Set 1.76	testing Set 1	1	1	1	n.a.
Set 1.77	testing Set 1	0	0	0	0
Set 1.78	testing Set 1	0	0	0	0
Set 1.79	testing Set 1	1	0	1	1
Set 1.80	testing Set 1	0	0	0	0
Set 1.81	testing Set 1	1	0	0	0
Set 1.82	testing Set 1	1	1	1	1
Set 1.83	testing Set 1	1	0	0	0
Set 1.84	testing Set 1	0	0	0	0
Set 1.85	testing Set 1	0	0	0	0
Set 1.86	testing Set 1	1	1	0	0
Set 1.87	testing Set 1	1	1	0	0
Set 1.88	testing Set 1	0	0	0	0
Set 1.89	testing Set 1	0	0	0	0
Set 1.90	testing Set 1	1	1	0	0
Set 1.91	testing Set 1	1	1	1	1
Set 1.92	testing Set 1	0	0	0	0
Set 1.93	testing Set 1	1	1	10	1
Set 1.94	testing Set 1	0	1	0	0
Set 1.95	testing Set 1	0	0	0	0
Set 1.96	testing Set 1	0	0	0	0
Set 1.97	testing Set 1	0	0	0	0
Set 1.98	testing Set 1	0	0	0	0
Set 1.99	testing Set 1	0	0	0	0
Set 1.100	testing Set 1	1	1	0	0
Set 1.101	testing Set 1	0	0	0	0
Set 1.102	testing Set 1	0	0	0	0
Set 1.103	testing Set 1	1	0	1	1
Set 1.104	testing Set 1	0	0	0	0
Set 1.105	testing Set 1	0	0	0	0
Set 1.106	testing Set 1	1	1	0	0
Set 1.107	testing Set 1	0	1	1	1
Set 1.108	testing Set 1	0	0	0	0
Set 1.109	testing Set 1	1	1	0	1
Set 1.110	testing Set 1	0	0	0	1
Set 1.111	testing Set 1	0	0	0	0
Set 1.112	testing Set 1	0	1	0	0
Set 1.113	testing Set 1	1	1	0	0
Set 1.114	testing Set 1	0	0	0	0
Set 1.115	testing Set 1	1	1	0	1
Set 1.116	testing Set 1	1	1	1	1
Set 1.117	testing Set 1	0	0	0	0
Set 1.118	testing Set 1	0	1	1	1
Set 1.119	testing Set 1	0	1	1	1
Set 1.120	testing Set 1	1	1	1	1

RT-PCR.

est the Y36 model. Testing Set 1 of 120 NB samples.

amplified, 1= amplified; 1p LOH status: 0= normal, 1= LOH; Event: 0= no event, 1= event; Survival St

Event	EFS	Survival_Status	Follow_up
0	47.41	1	47.41
1	8.75	0	24.85
0	47.41	1	47.41
1	29.93	0	45.67
0	30.46	1	30.46
1	28.46	1	28.46
0	28.46	1	28.46
0	27.44	1	27.44
1	5.08	0	8.46
1	12.52	0	21.51
0	21.51	1	21.51
0	20.49	1	20.49
1	2.39	0	8.36
1	1.97	0	5.38
0	167.88	1	167.88
1	18.00	0	24.05
1	3.69	0	10.82
0	212.02	1	212.02
1	8.07	1	143.40
1	11.30	0	12.24
1	11.42	0	41.47
0	126.13	1	126.13
1	31.91	0	51.58
0	81.66	1	81.66
0	89.52	1	89.52
1	9.10	1	149.09
0	110.44	1	110.44
0	176.99	1	176.99
0	205.80	1	205.80
0	187.91	1	187.91
0	123.70	1	123.70
0	78.92	1	78.92
0	72.00	1	72.00
1	9.31	0	20.62
1	10.46	0	10.46
1	25.25	1	55.54
1	49.41	1	49.41
0	15.40	1	15.40
0	27.10	1	27.10
0	25.70	1	25.70
0	24.10	1	24.10
0	23.50	1	23.50
0	23.50	1	23.50
1	2.52	1	20.26
0	19.26	1	19.26
0	18.83	1	18.83
1	1.70	1	141.10
0	125.34	1	125.34
0	132.84	1	132.84
1	5.30	1	145.90
1	6.54	0	19.54

0	95.05	1	95.05
0	170.34	1	170.34
0	155.80	1	155.80
1	39.20	1	230.24
0	127.51	1	127.51
1	0.40	1	249.06
0	125.93	1	125.93
0	125.70	1	125.70
0	114.20	1	114.20
1	10.26	0	88.92
0	75.25	1	75.25
0	41.64	1	41.64
0	133.68	1	133.68
0	108.59	1	108.59
1	14.77	0	72.66
1	12.50	0	33.52
0	91.68	1	91.68
1	48.36	1	74.14
0	67.86	1	67.86
0	38.88	1	38.88
0	113.19	1	113.19
0	104.44	1	104.44
0	79.61	1	79.61
0	59.84	1	59.84
0	47.60	1	47.60
0	142.70	1	142.70
0	82.13	1	82.13
1	4.00	1	61.83
0	52.73	1	52.73
0	48.83	1	48.83
0	45.60	1	45.60
0	40.97	1	40.97
0	12.07	1	12.07
0	12.33	1	12.33
0	12.00	1	12.00
0	16.80	1	16.80
0	15.17	1	15.17
1	15.00	1	22.00
1	5.50	1	12.00
1	13.00	0	14.00
1	6.00	1	17.00
0	16.00	1	16.00
0	14.00	1	14.00
0	64.00	1	64.00
1	7.00	0	12.00
1	17.73	1	20.87
0	167.03	0	167.03
0	157.53	0	157.53
0	171.57	0	171.57
0	105.43	0	105.43
0	70.03	0	70.03
0	169.87	0	169.87
0	110.40	0	110.40
1	30.73	1	41.57
0	144.67	0	144.67
0	156.07	0	156.07
0	136.87	0	136.87
0	163.93	0	163.93

1	27.93	1	51.63
1	20.90	1	28.53
0	147.90	0	147.90
1	13.30	1	13.97
0	126.90	0	126.90
0	64.13	0	64.13
0	100.37	0	100.37
0	117.87	0	117.87
1	1.07	1	5.57
0	193.77	0	193.77
0	136.33	0	136.33
1	18.50	1	25.43
1	3.27	0	147.00
0	141.33	0	141.33
1	11.90	1	15.97
1	16.57	1	48.17
0	131.90	0	131.90
0	149.33	0	149.33
0	104.97	0	104.97
1	20.67	1	36.03
0	122.57	0	122.57
0	145.50	0	145.50
0	150.27	0	150.27
0	119.17	0	119.17
0	59.97	0	59.97
0	148.00	0	148.00
0	135.03	0	135.03
1	9.53	0	76.00
0	117.93	0	117.93
1	27.07	1	48.47
0	115.03	0	115.03
1	3.73	0	109.43
0	76.87	0	76.87
0	139.83	0	139.83
1	9.77	0	93.57
0	106.53	0	106.53
1	67.20	1	94.53
0	89.33	0	89.33
0	130.03	0	130.03
0	0.30	1	0.30
0	128.97	0	128.97
0	110.93	0	110.93
1	23.50	1	126.97
1	32.33	1	46.70
0	97.77	0	97.77
1	58.40	0	114.33
0	131.80	0	131.80
1	13.80	1	44.23
1	16.20	1	43.10
0	121.03	0	121.03
0	119.03	0	119.03
1	1.87	1	17.40
1	10.87	1	13.03
0	123.93	0	123.93
1	6.70	1	6.90
0	90.80	0	90.80
0	44.33	0	44.33
1	17.27	1	20.07

0	119.03	0	119.03
1	28.00	1	39.70
0	119.20	0	119.20
1	10.17	1	12.50
0	1.17	1	1.17
0	114.27	0	114.27
0	72.23	0	72.23
0	117.53	0	117.53
0	106.93	0	106.93
1	22.83	0	121.27
1	39.90	1	56.50
0	116.23	0	116.23
0	109.17	0	109.17
0	108.17	0	108.17
0	104.47	0	104.47
1	49.33	0	117.63
0	100.43	0	100.43
0	86.13	0	86.13
1	19.77	1	45.40
0	105.37	0	105.37
0	105.40	0	105.40
1	31.53	1	45.83
1	46.63	0	114.00
0	110.80	0	110.80
1	37.60	0	111.00
0	89.50	0	89.50
0	97.30	0	97.30
0	73.90	0	73.90
0	98.70	0	98.70
0	34.90	0	34.90
0	50.60	0	50.60
0	121.03	0	121.03
0	81.03	0	81.03
1	1.80	0	94.97
1	21.03	1	46.57
1	16.07	1	29.63
1	31.07	0	57.27
1	14.03	1	21.27
0	85.07	0	85.07
1	9.87	0	92.37
0	93.60	0	93.60
1	21.50	1	29.97
0	53.40	0	53.40
0	92.27	0	92.27
1	14.77	1	26.13
0	86.27	0	86.27
1	14.43	1	23.70
1	7.07	1	7.33
0	75.83	0	75.83

tatus: 0=alive, 1= dead; n.a.= non available