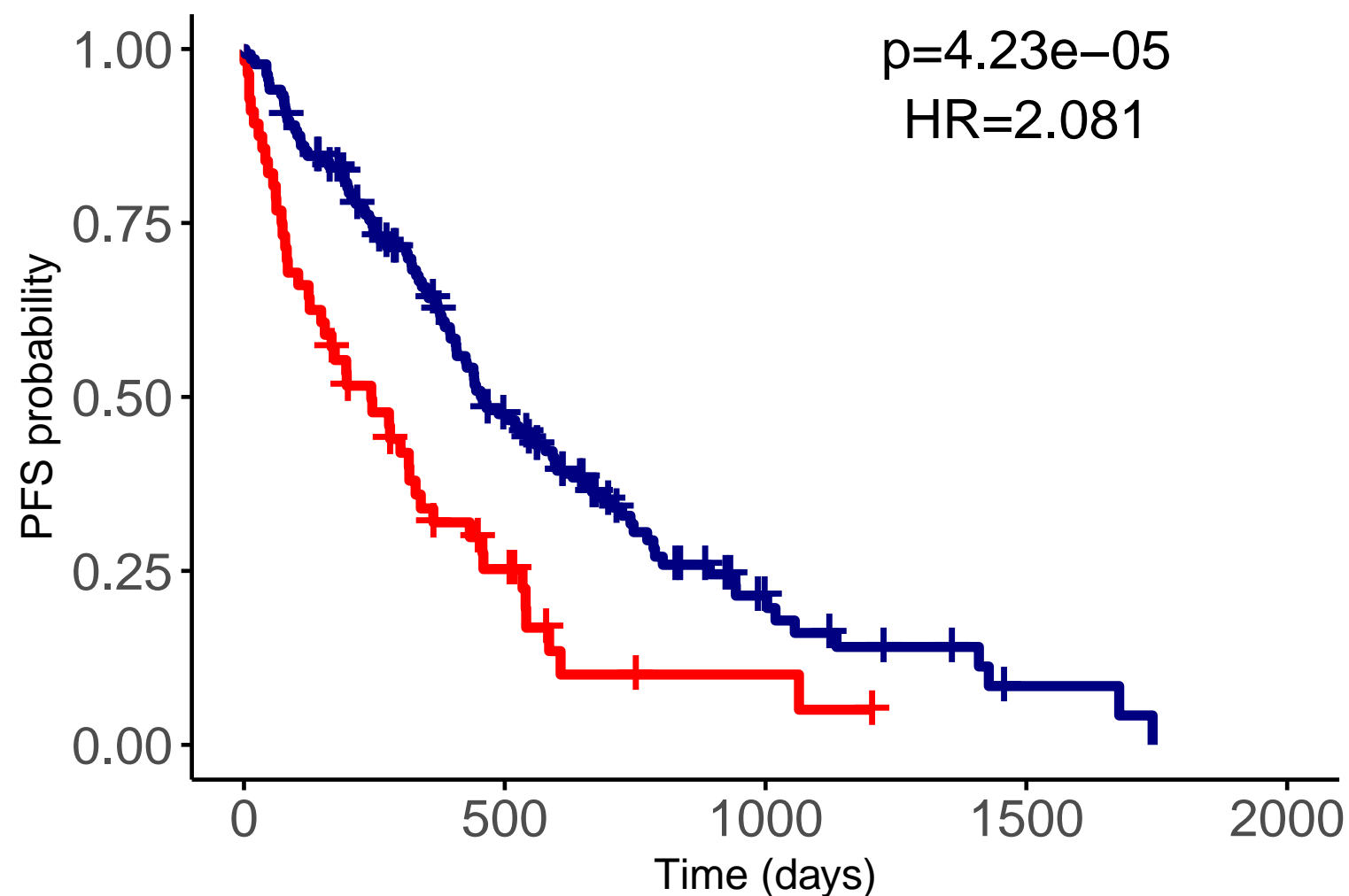


MUT.TP53 (n=200)

MUT WT



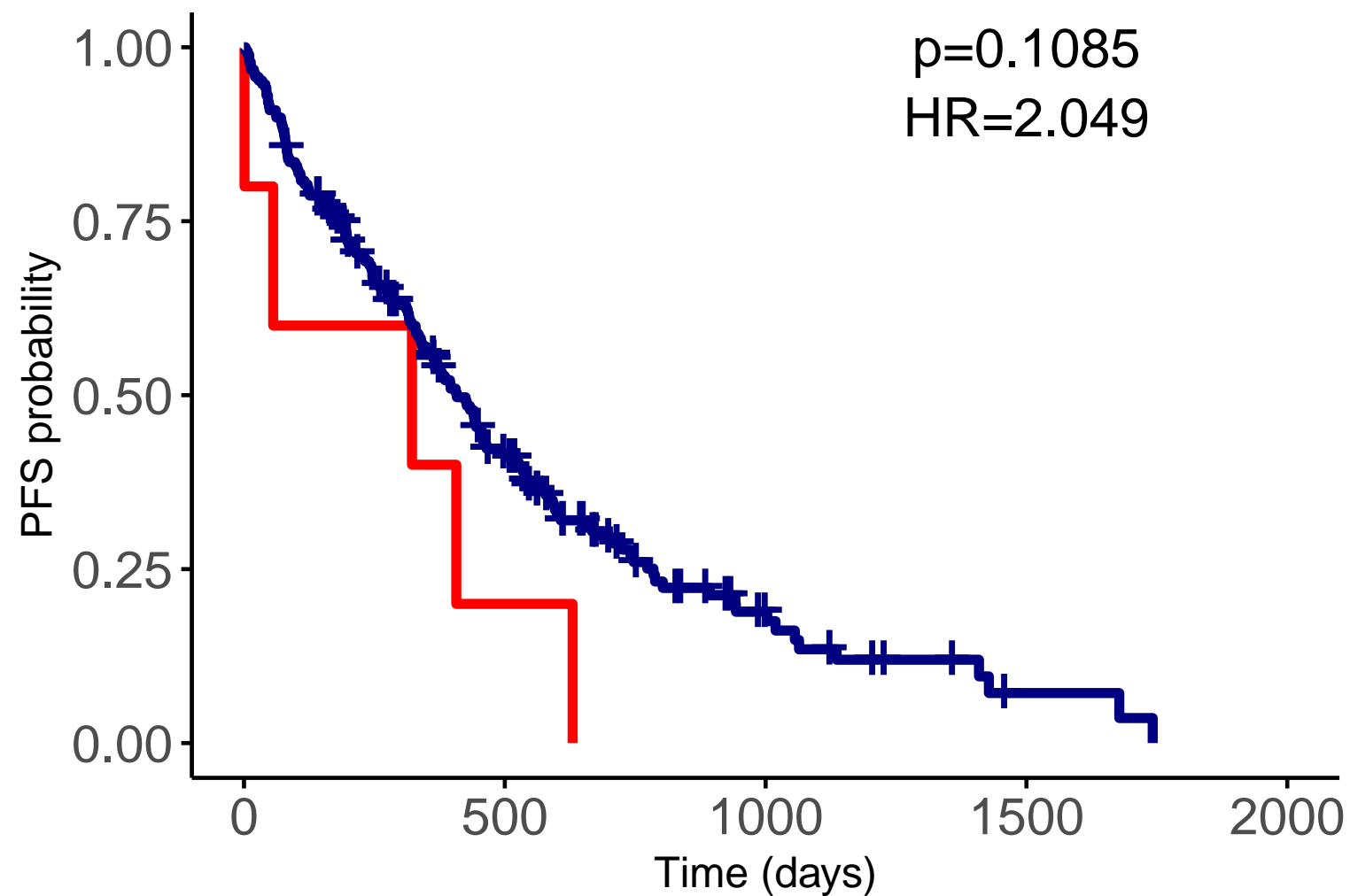
Number at risk

MUT	56	11	2	0	0
WT	137	55	12	2	0
	0	500	1000	1500	2000

Time (days)

MUT.RB1 (n=200)

+

 MUT + WT

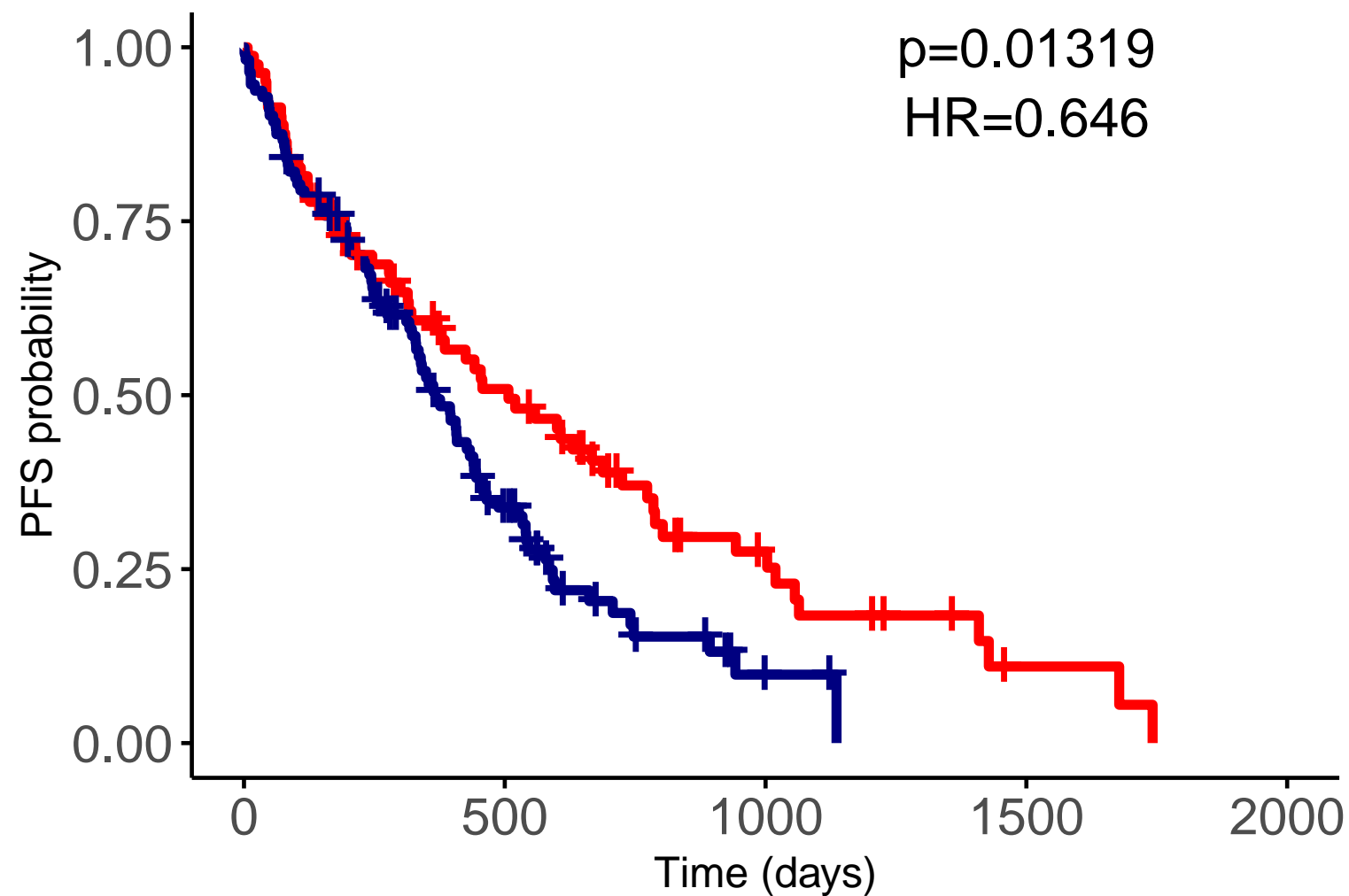
Number at risk

MUT	5	1	0	0	0
WT	188	65	14	2	0
	0	500	1000	1500	2000

Time (days)

MUT.PIK3CA (n=200)

MUT WT



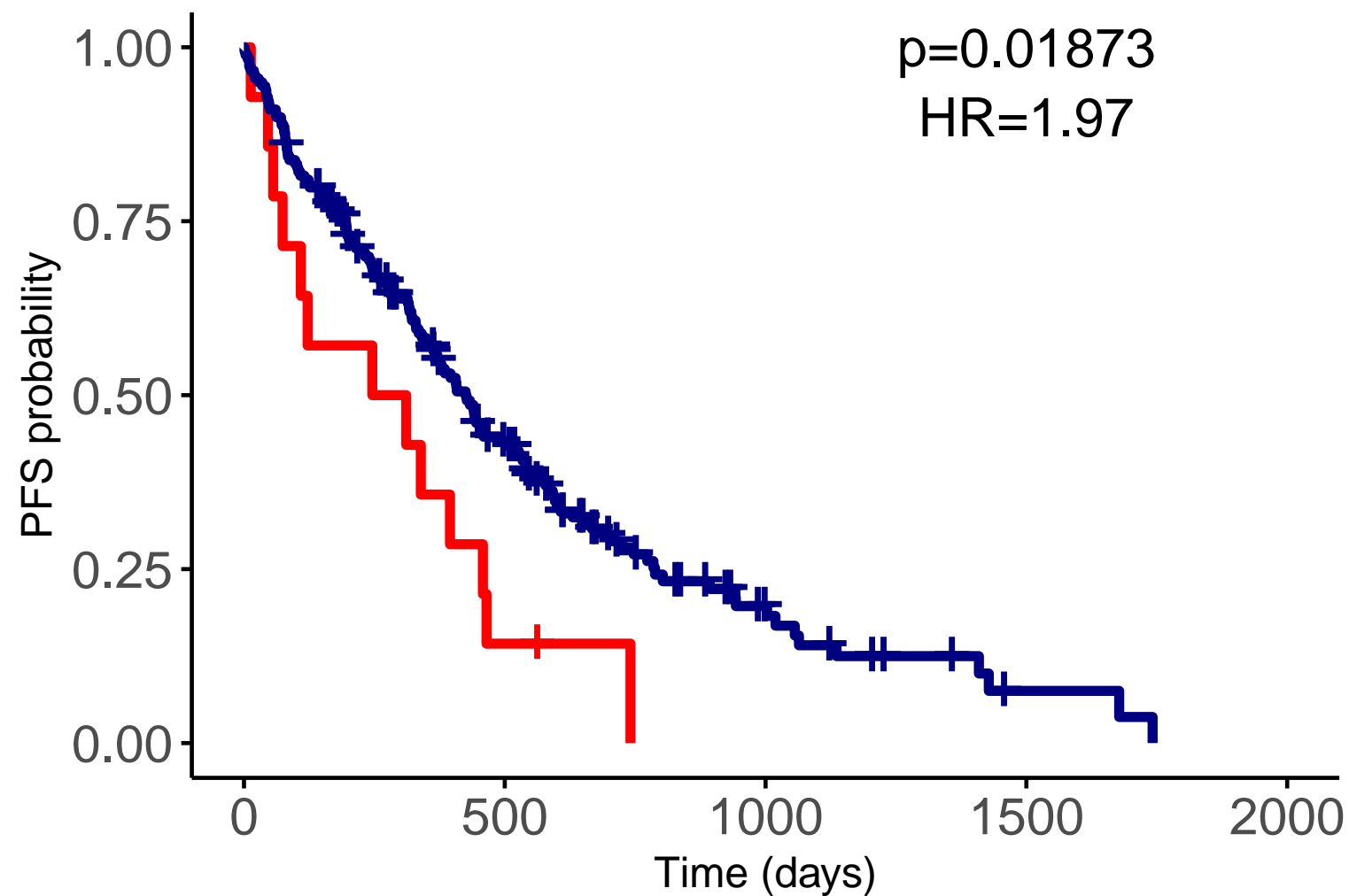
Number at risk

MUT	81	36	12	2	0
WT	112	30	2	0	0
	0	500	1000	1500	2000

Time (days)

MUT.AKT1 (n=200)

+

 MUT + WT

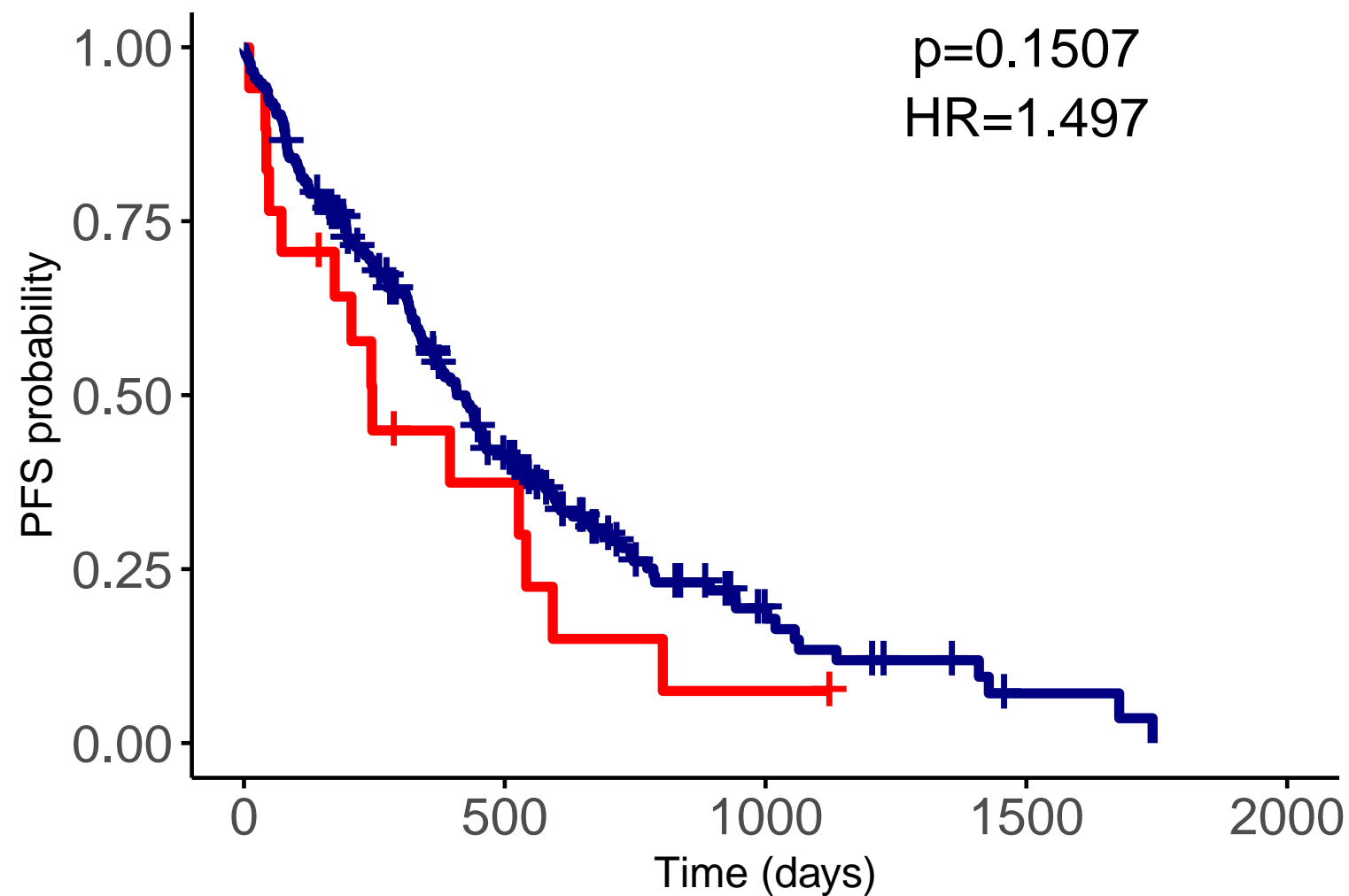
Number at risk

MUT	14	2	0	0	0
WT	179	64	14	2	0
	0	500	1000	1500	2000

Time (days)

MUT.ESR1 (n=200)

MUT WT



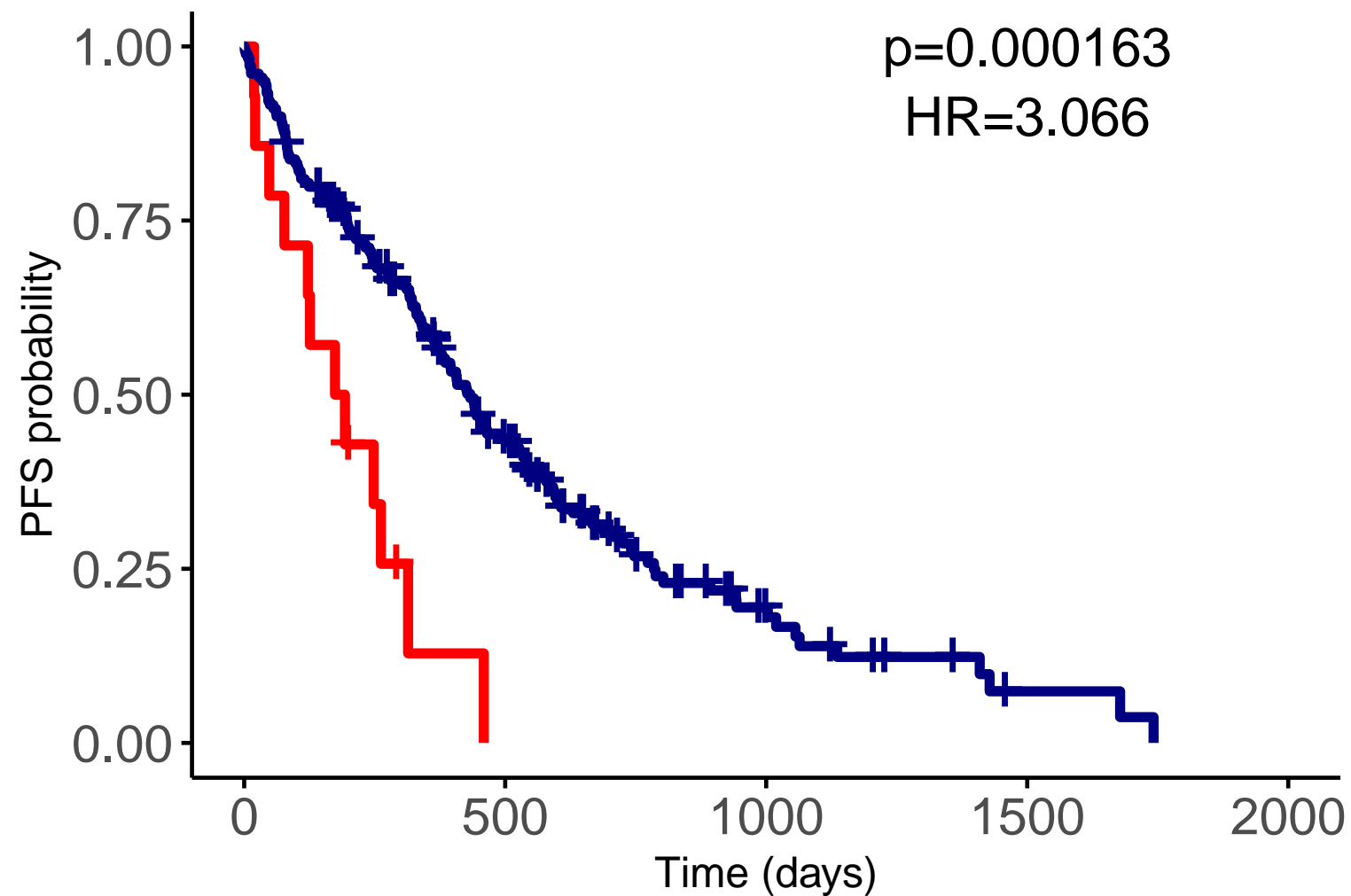
Number at risk

MUT	17	5	1	0	0
WT	176	61	13	2	0
	0	500	1000	1500	2000

Time (days)

brca_pathogenic_mutation (n=200)

MUT WT

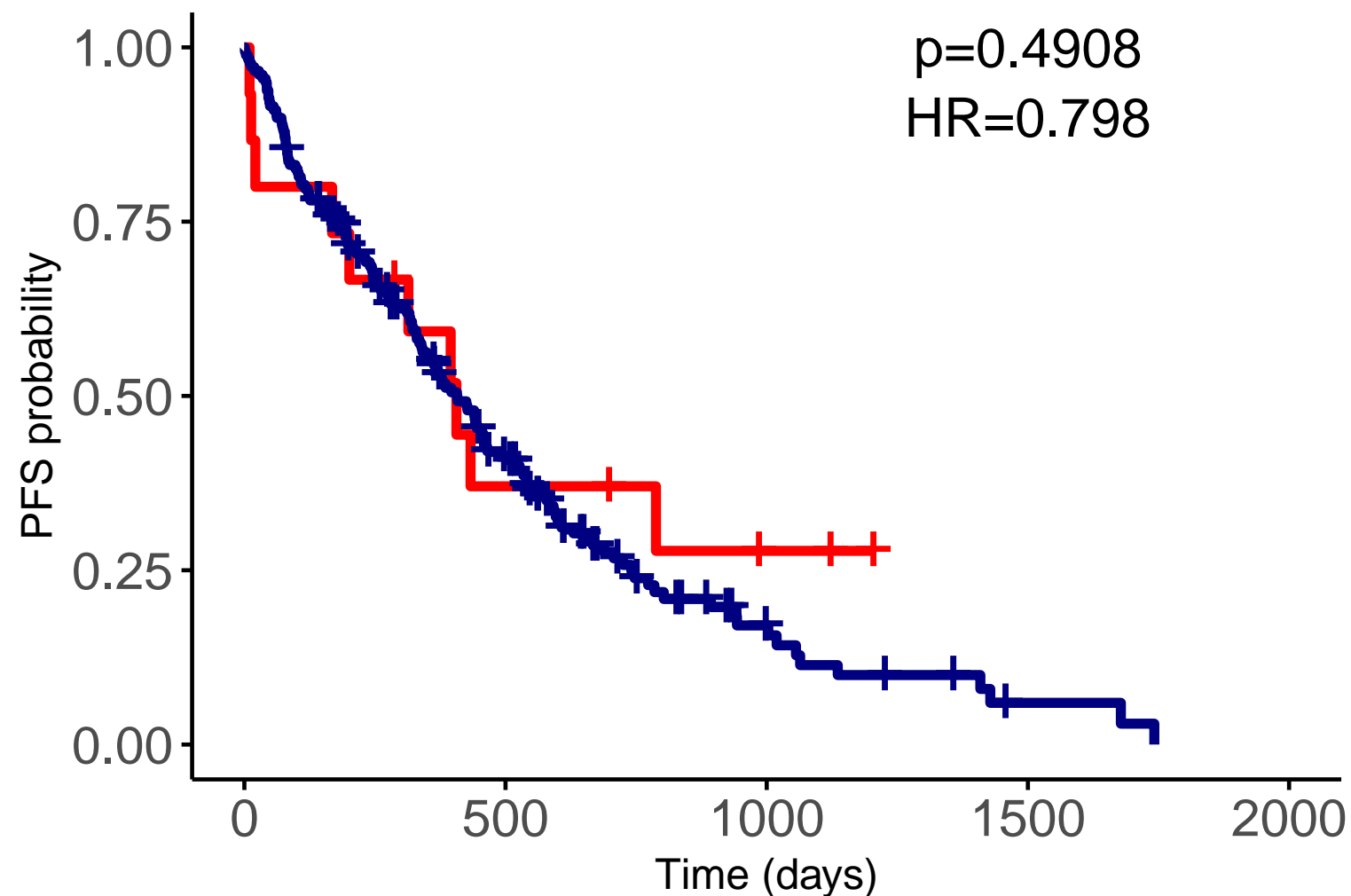


Number at risk

MUT	14	0	0	0	0
WT	179	66	14	2	0
	0	500	1000	1500	2000
	Time (days)				

MUT.PTEN (n=200)

MUT WT



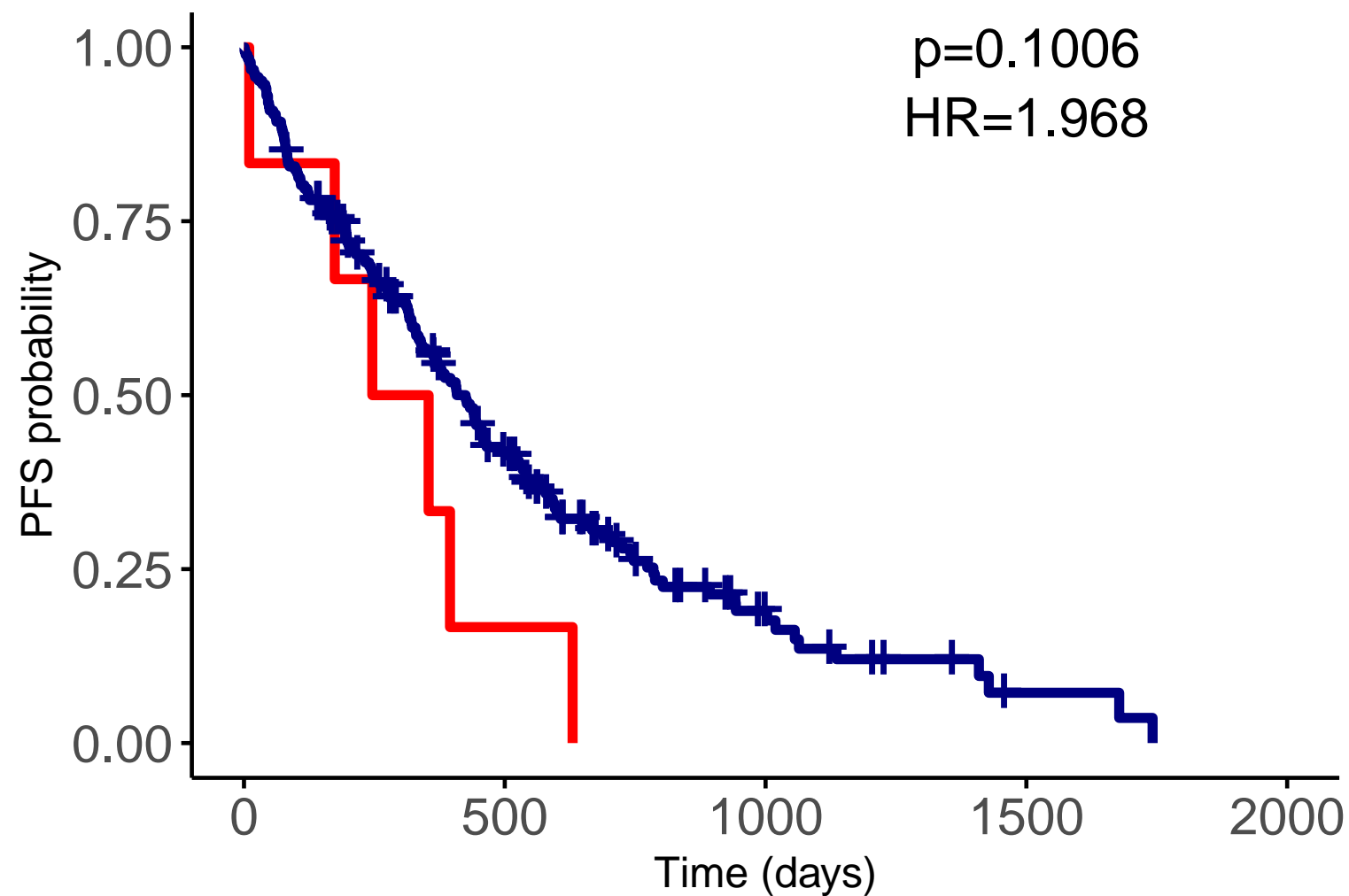
Number at risk

MUT	15	5	2	0	0
WT	178	61	12	2	0
	0	500	1000	1500	2000

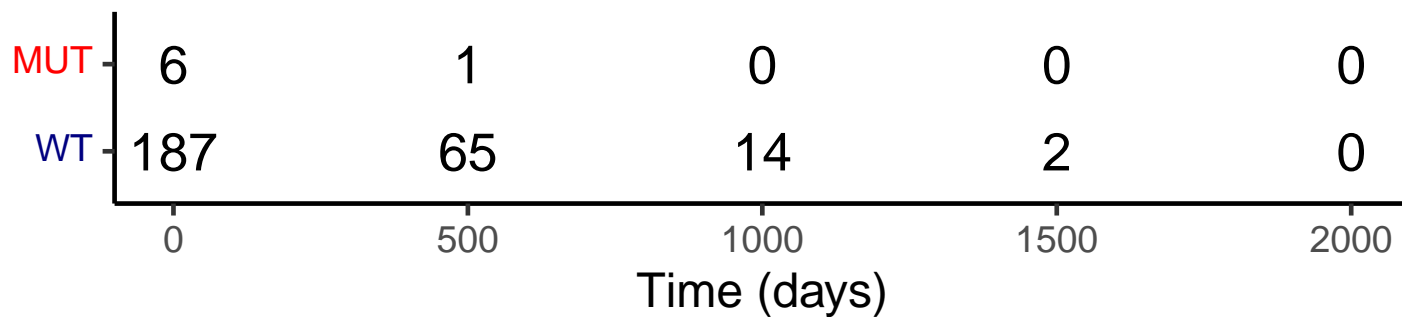
Time (days)

MUT.CDKN2A (n=200)

+

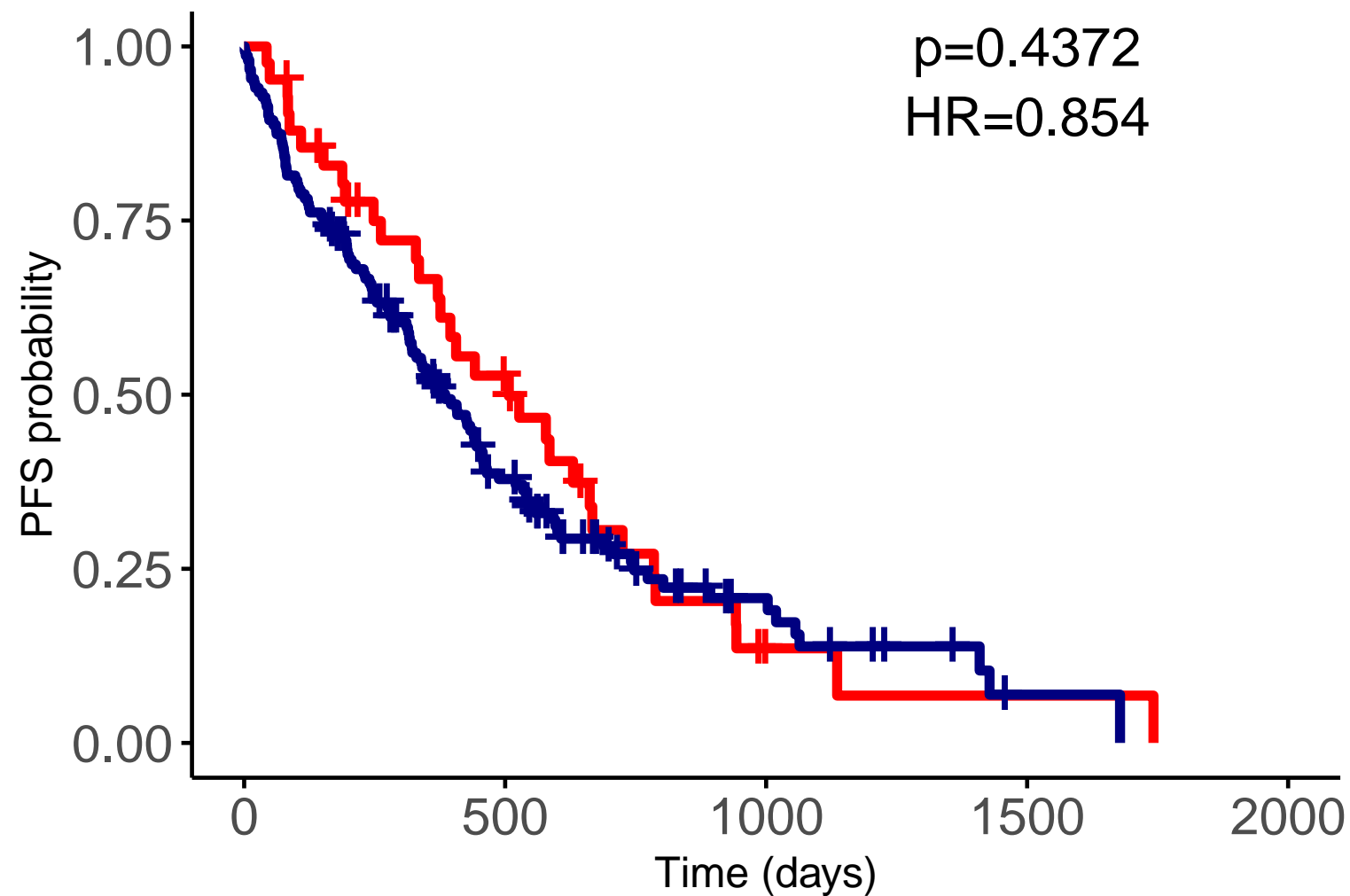
 MUT + WT

Number at risk



AMP.CCND1 (n=200)

AMP WT



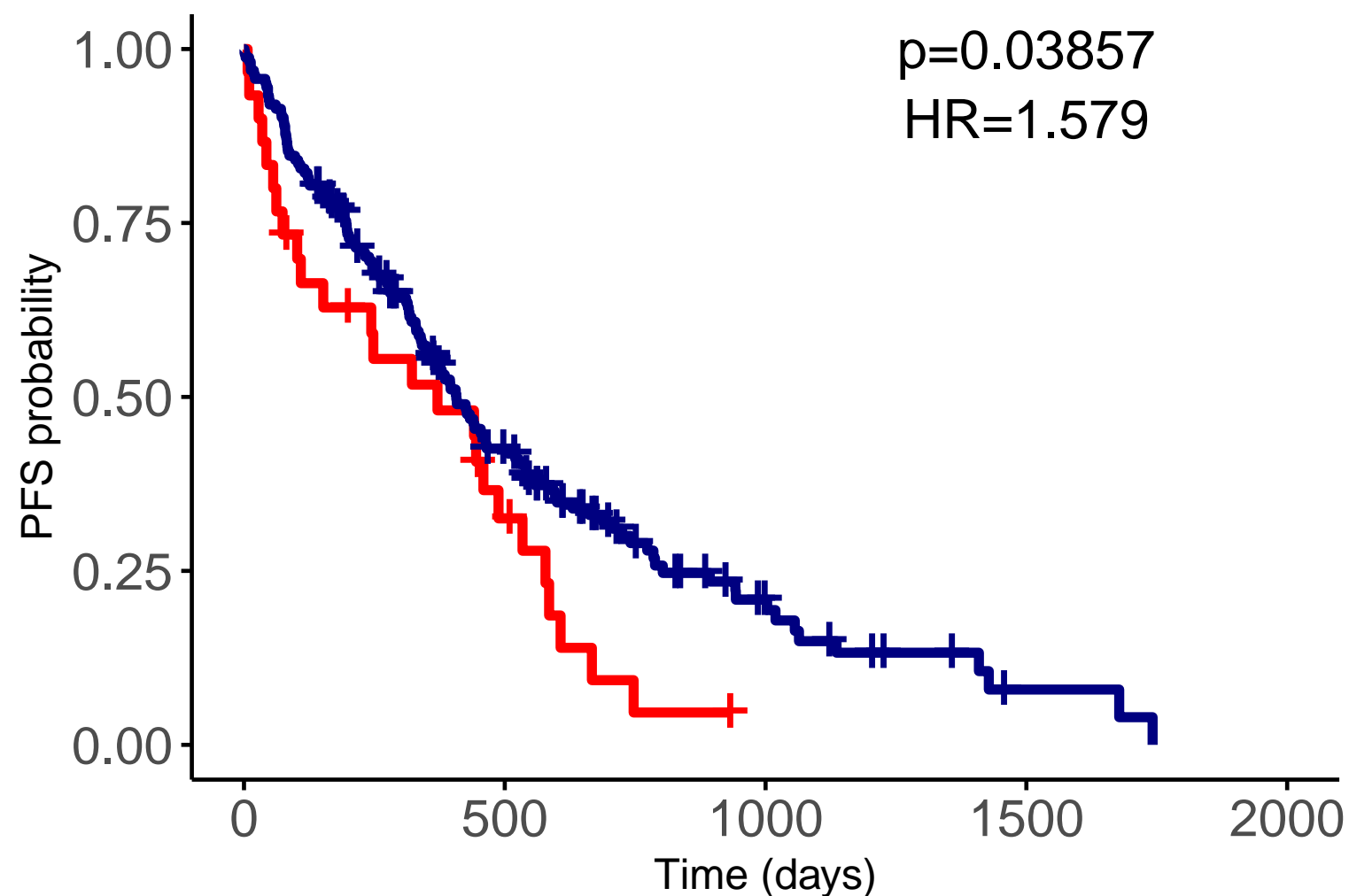
Number at risk

	0	500	1000	1500	2000
AMP	42	18	2	1	0
WT	151	48	12	1	0

Time (days)

AMP.FGFR1 (n=200)

AMP WT



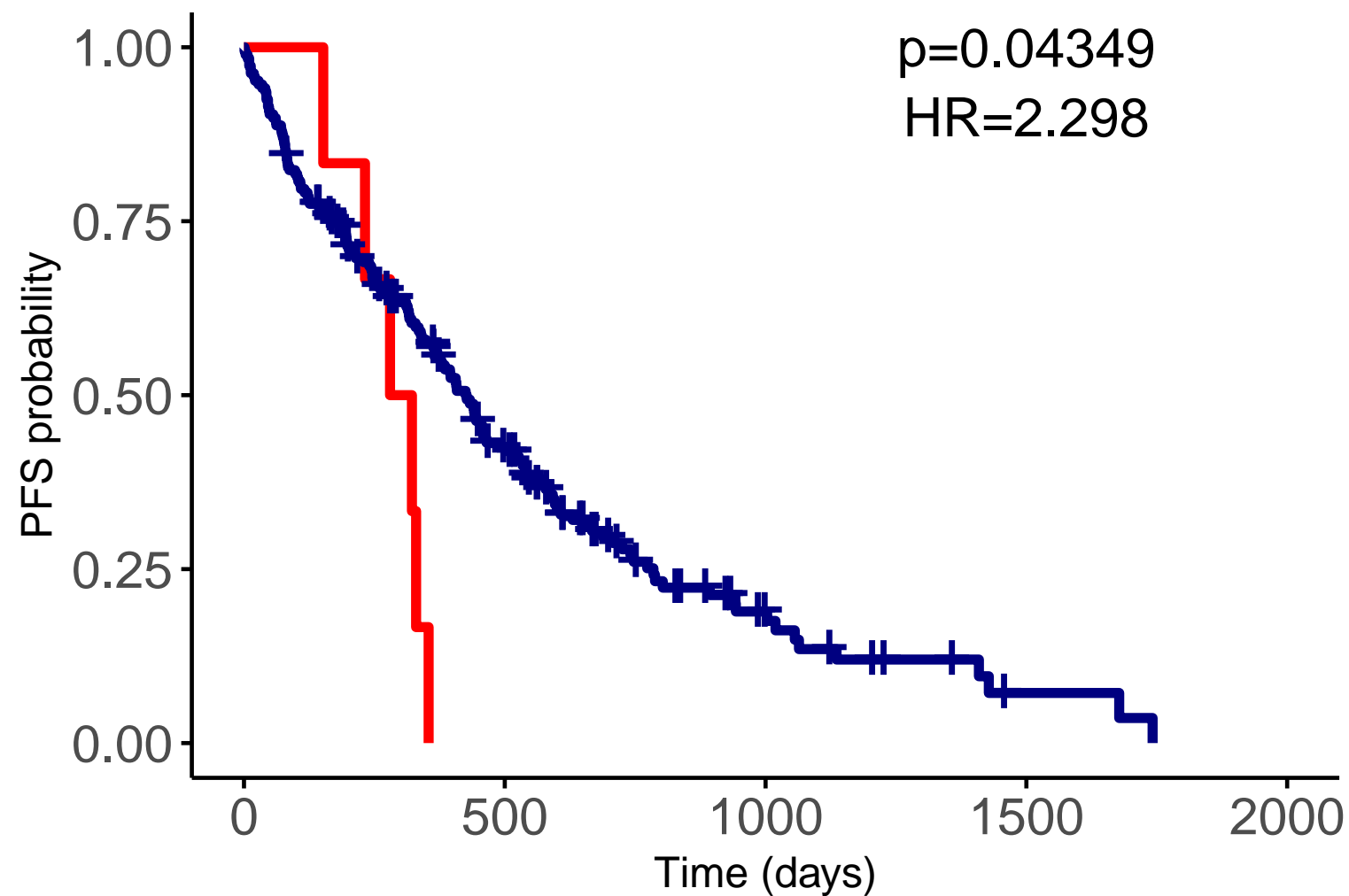
Number at risk

AMP	30	8	0	0	0
WT	163	58	14	2	0
	0	500	1000	1500	2000

Time (days)

AMP.MDM2 (n=200)

AMP WT



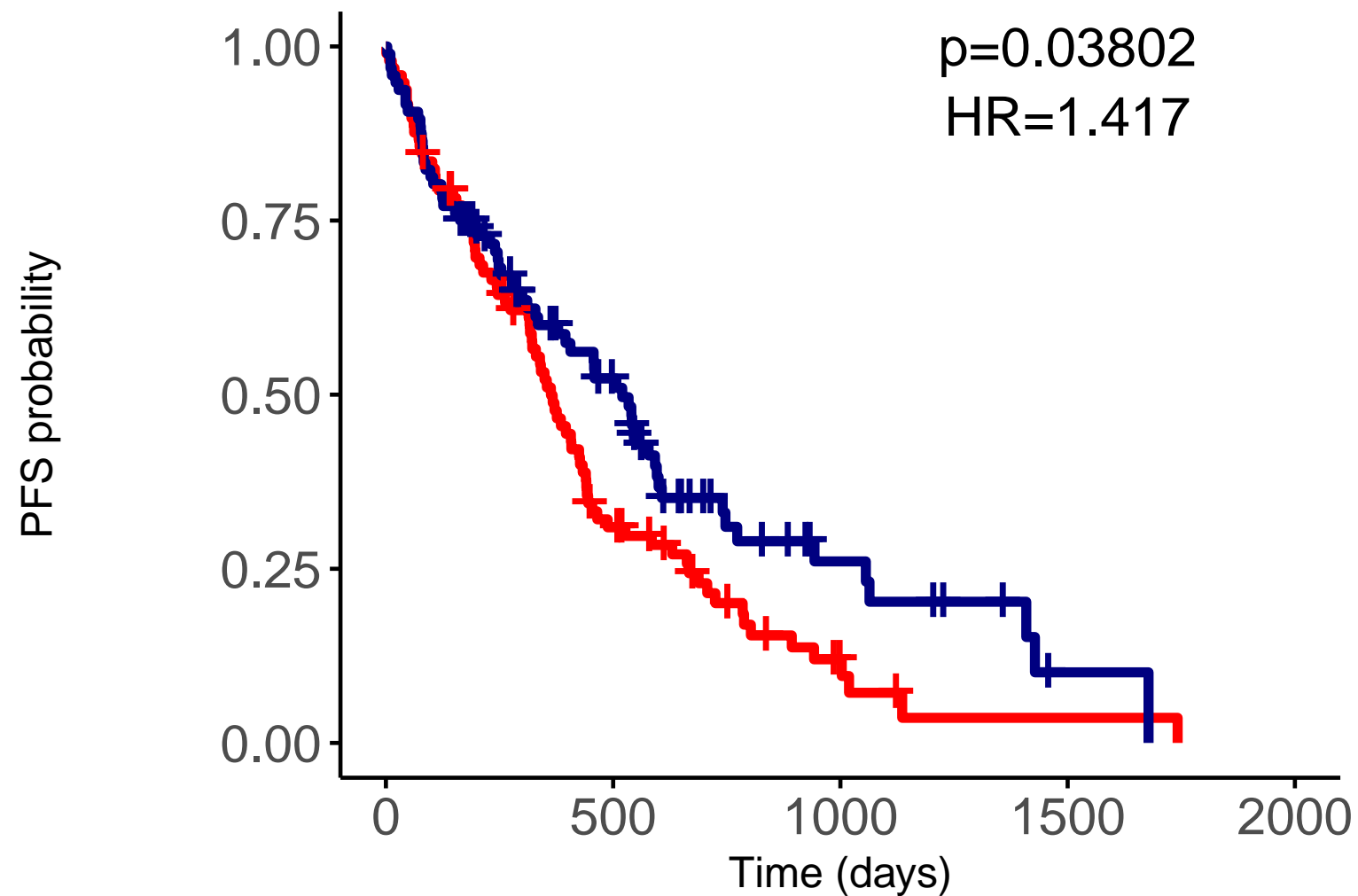
Number at risk

AMP	6	0	0	0	0
WT	187	66	14	2	0
	0	500	1000	1500	2000

Time (days)

proliferative_index (n=200)

High (>29.4575) Low (<=29.4575)



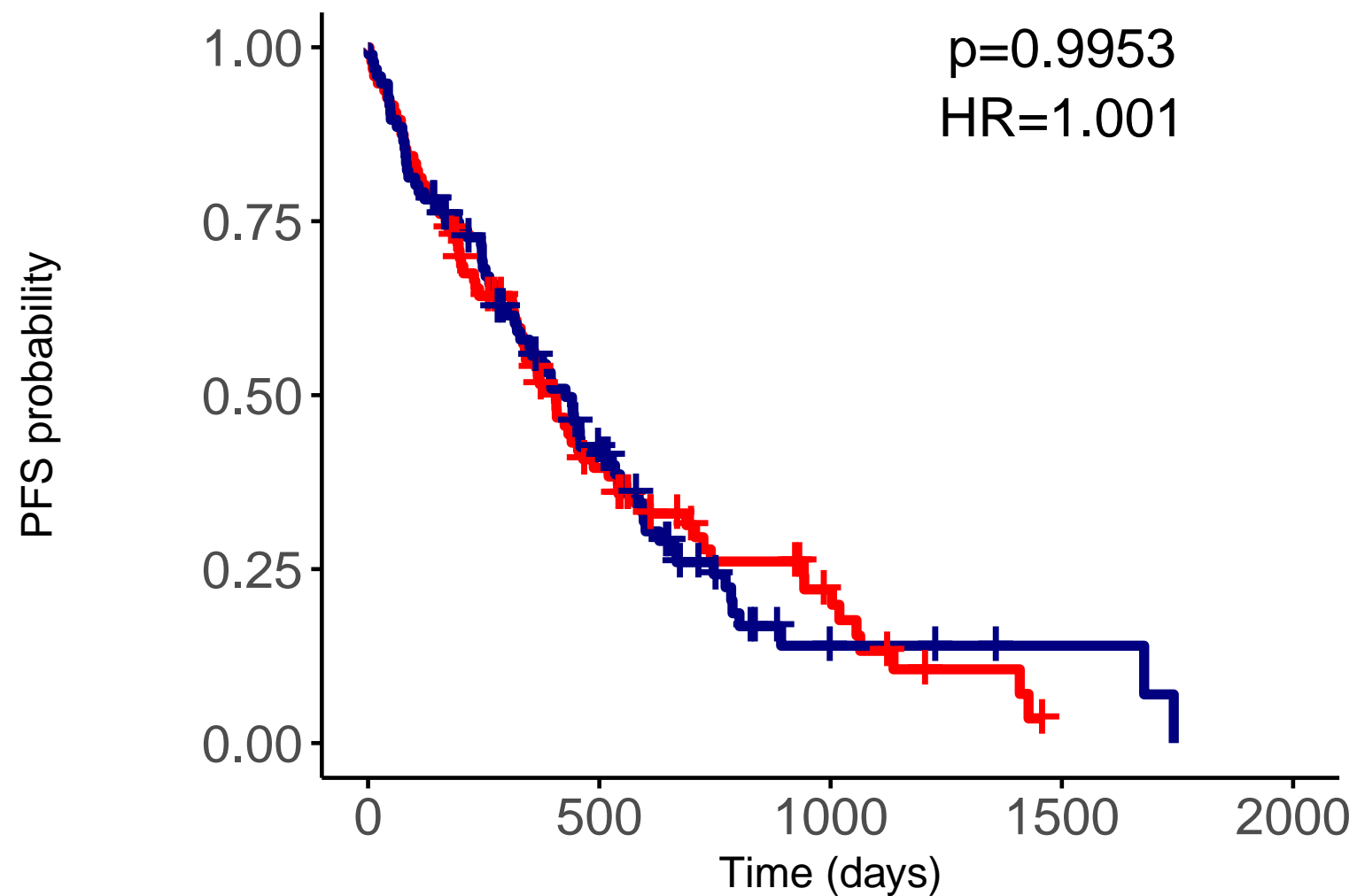
Number at risk

High (>29.4575)	97	27	5	1	0
Low (<=29.4575)	96	39	9	1	0
	0	500	1000	1500	2000

Time (days)

cyt_score (n=200)

High (>5.6262) Low (<=5.6262)



Number at risk

High (>5.6262)	96	32	10	0	0
Low (<=5.6262)	96	34	4	2	0
	0	500	1000	1500	2000

Time (days)

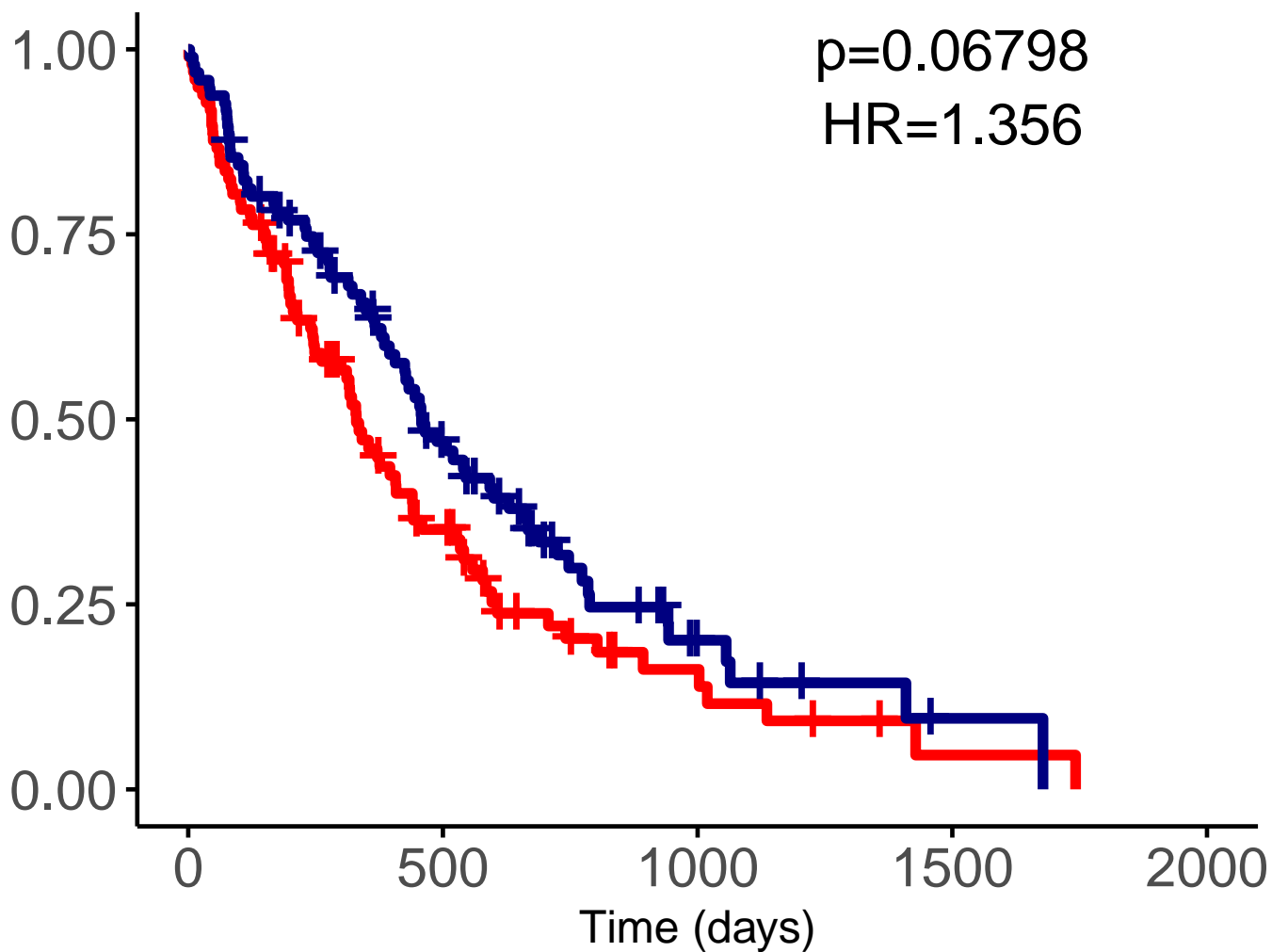
hrd_index (n=200)

High (>14.5) Low (<=14.5)

p=0.06798

HR=1.356

PFS probability



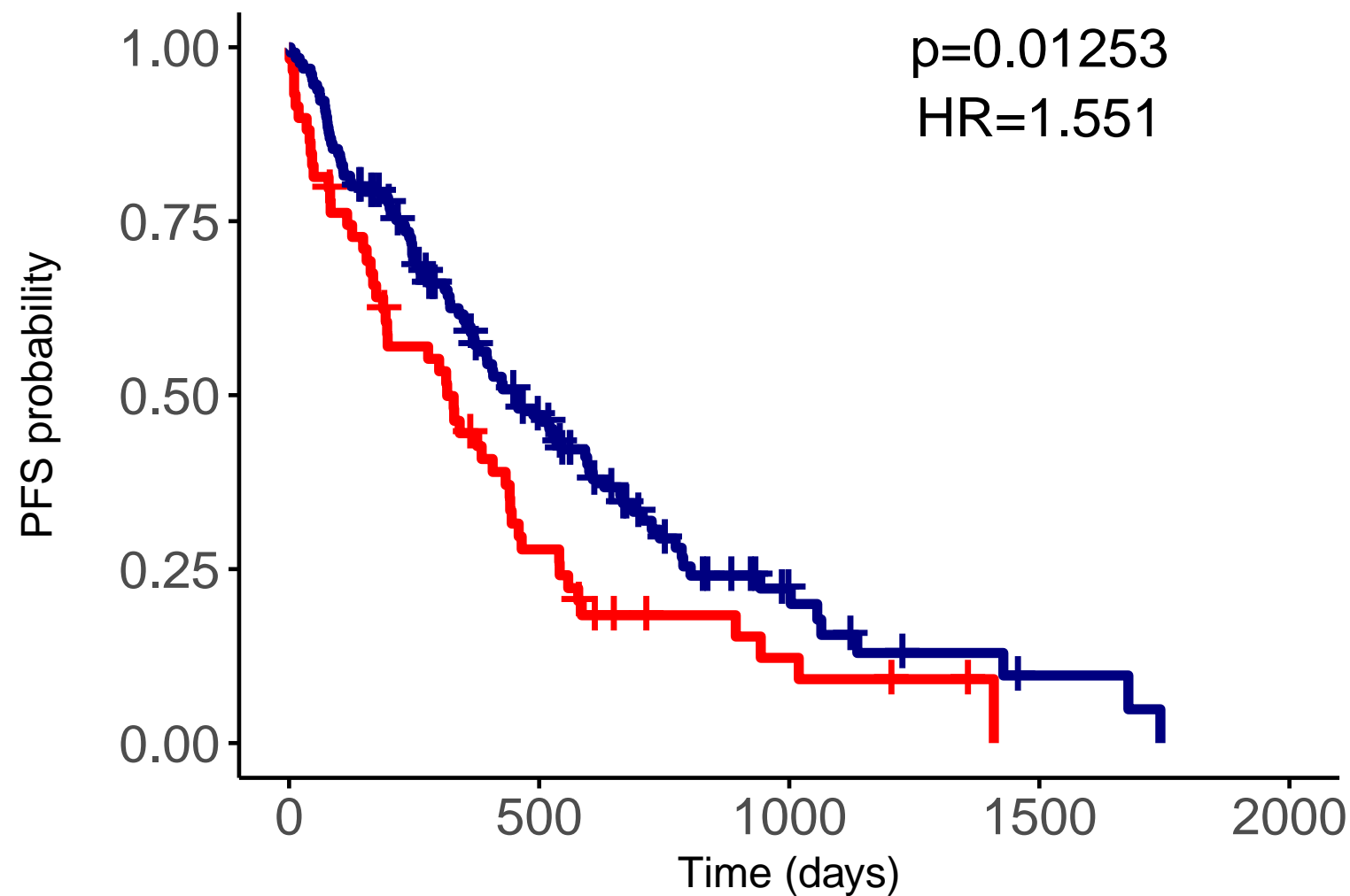
Number at risk

High (>14.5)	97	28	7	1	0
Low (<=14.5)	96	38	7	1	0

Time (days)

mutsig_13_sigma (n=200)

High (>0) Low (<=0)

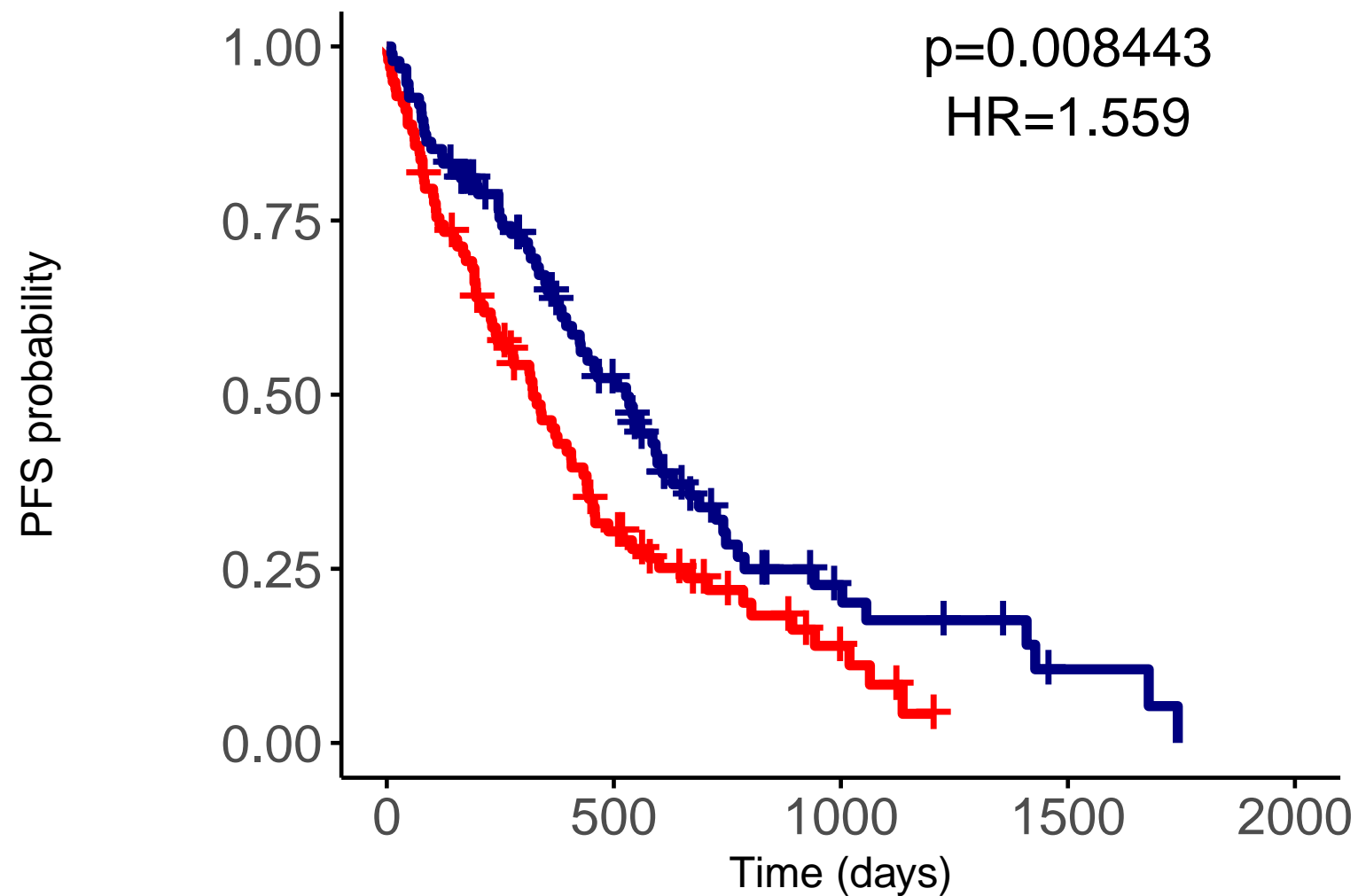


Number at risk

	0	500	1000	1500	2000
High (>0)	59	15	4	0	0
Low (<=0)	130	49	10	2	0

pam50_cor_basal (n=200)

High (>-0.4671) Low (≤ -0.4671)



Number at risk

High (>-0.4671)	98	26	5	0	0
Low (≤ -0.4671)	95	40	9	2	0
	0	500	1000	1500	2000

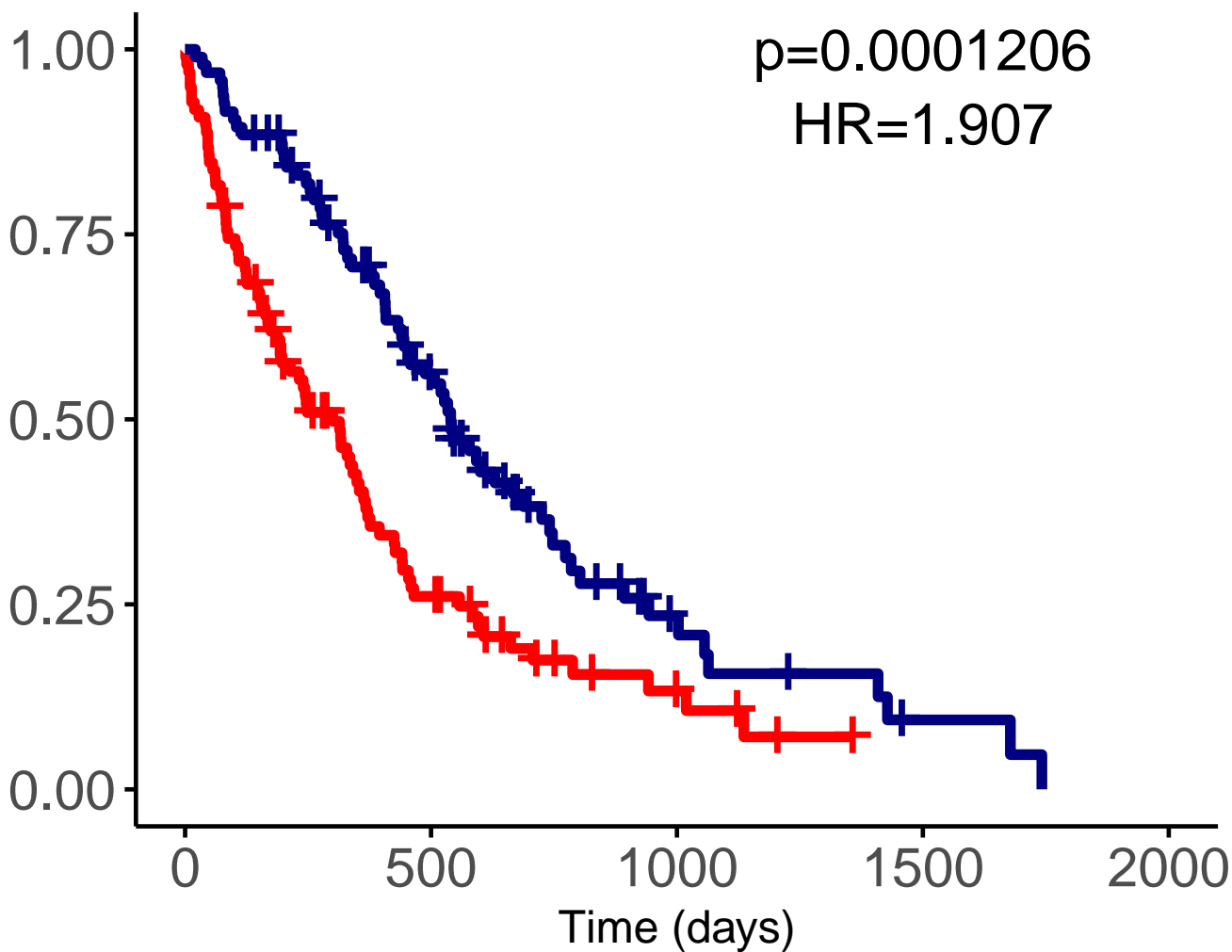
Time (days)

pam50_cor_her2 (n=200)

High (>0.0619) Low (<=0.0619)

p=0.0001206
HR=1.907

PFS probability



Number at risk

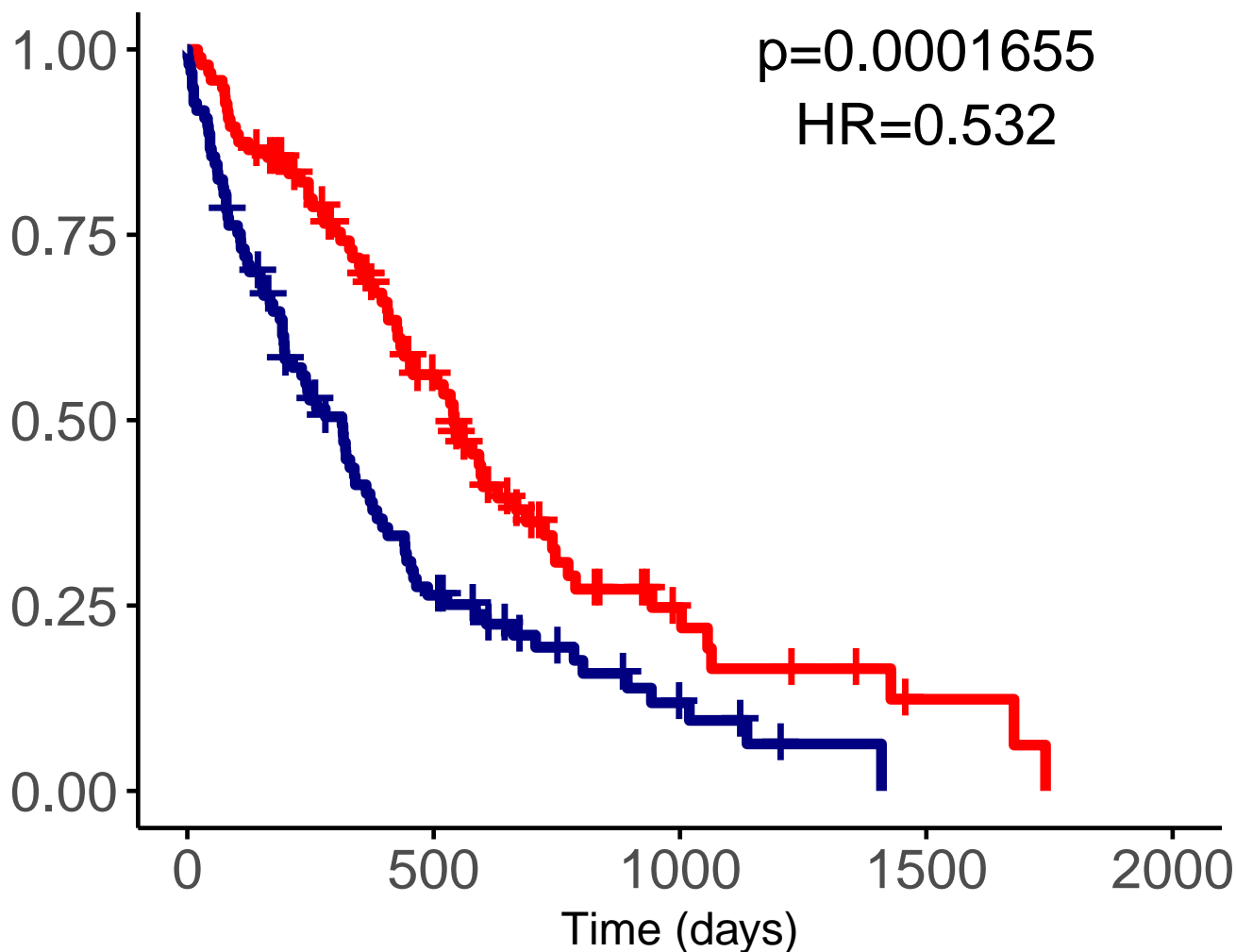
High (>0.0619)	98	22	5	0	0
Low (<=0.0619)	95	44	9	2	0
	0	500	1000	1500	2000
	Time (days)				

pam50_cor_luma (n=200)

High (>0.2243) Low (<=0.2243)

p=0.0001655
HR=0.532

PFS probability



Number at risk

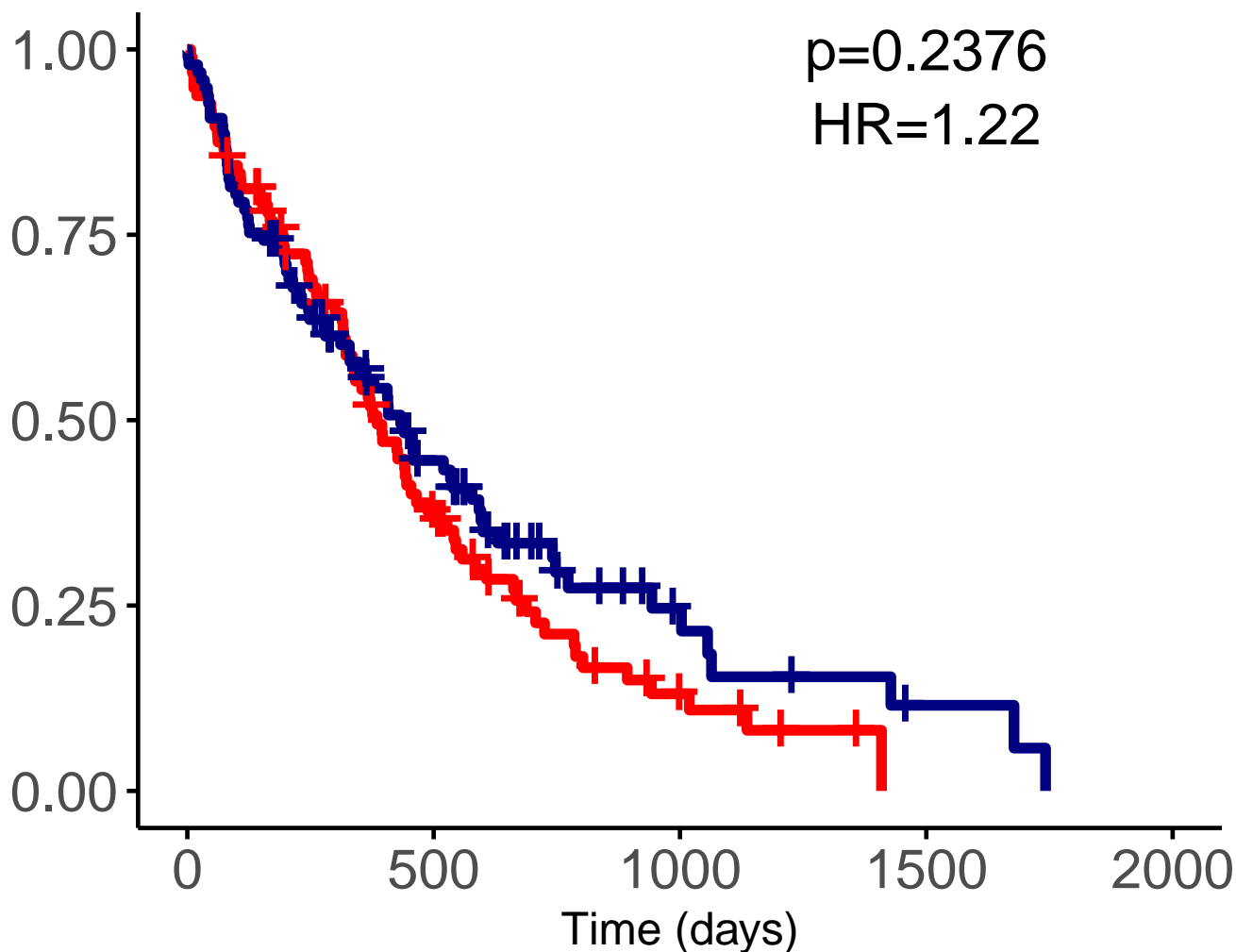
High (>0.2243)	96	43	9	2	0
Low (<=0.2243)	97	23	5	0	0
	0	500	1000	1500	2000
	Time (days)				

pam50_cor_lumb (n=200)

High (>0.4009) Low (<=0.4009)

p=0.2376
HR=1.22

PFS probability



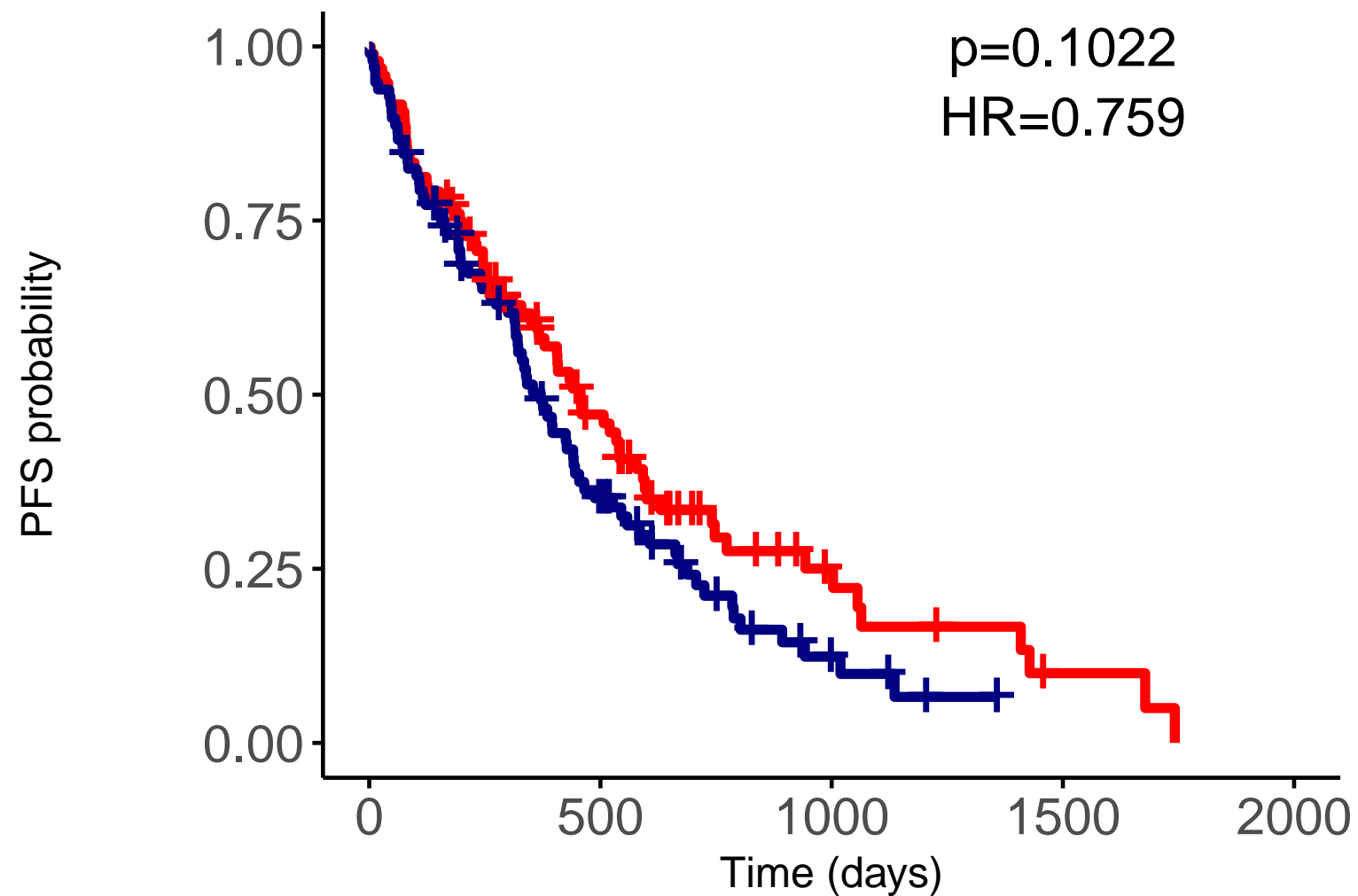
Number at risk

	0	500	1000	1500	2000
High (>0.4009)	96	31	6	0	0
Low (<=0.4009)	97	35	8	2	0

pam50_cor_normal (n=200)

High (>-0.283) Low (≤ -0.283)

$p=0.1022$
 $HR=0.759$

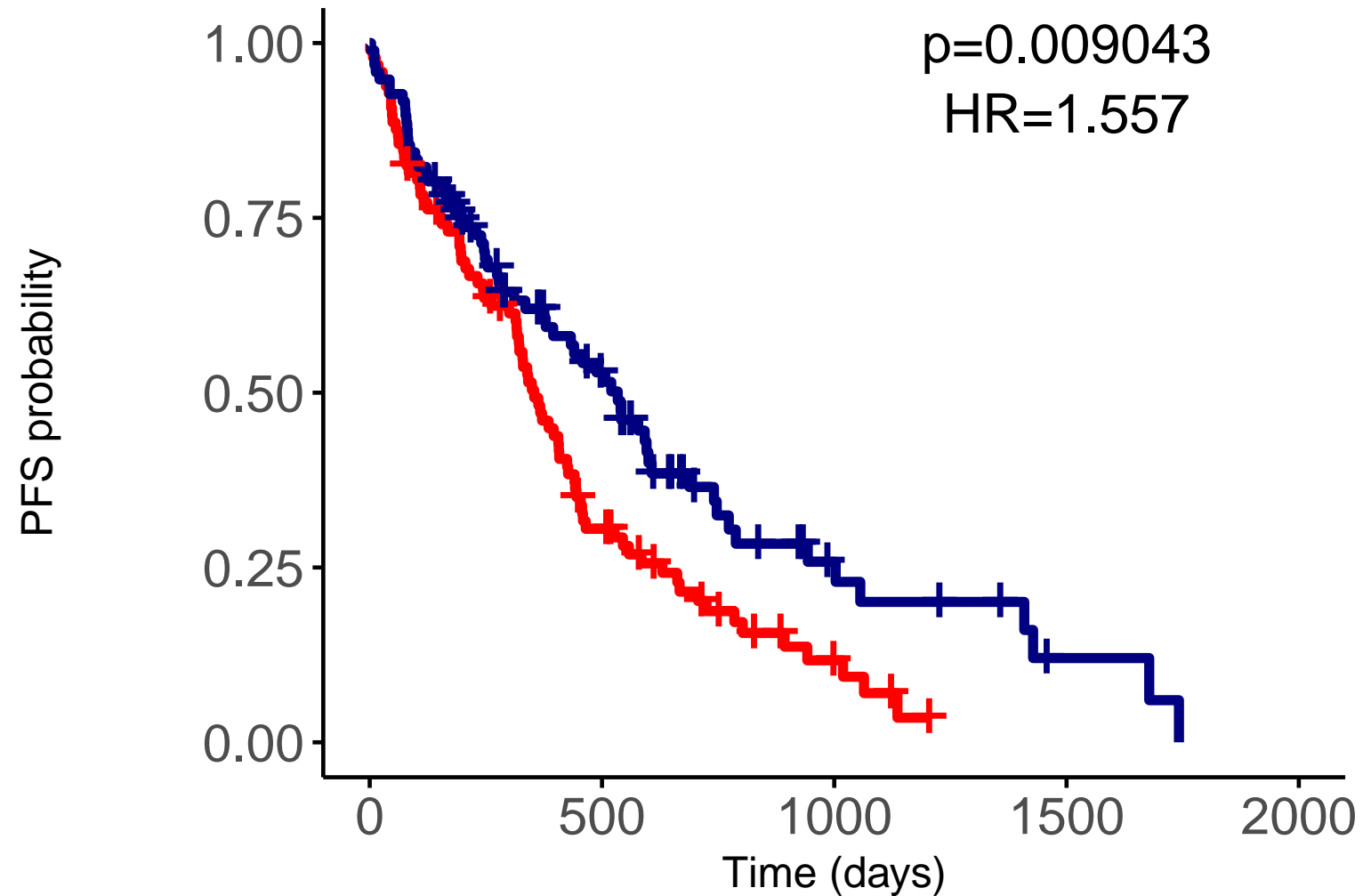


Number at risk

High (>-0.283)	96	37	9	2	0
Low (≤ -0.283)	97	29	5	0	0
	0	500	1000	1500	2000
	Time (days)				

Paloma3_F1_MYC_E2F_activation (n=200)

High (>0.2293) Low (<=0.2293)

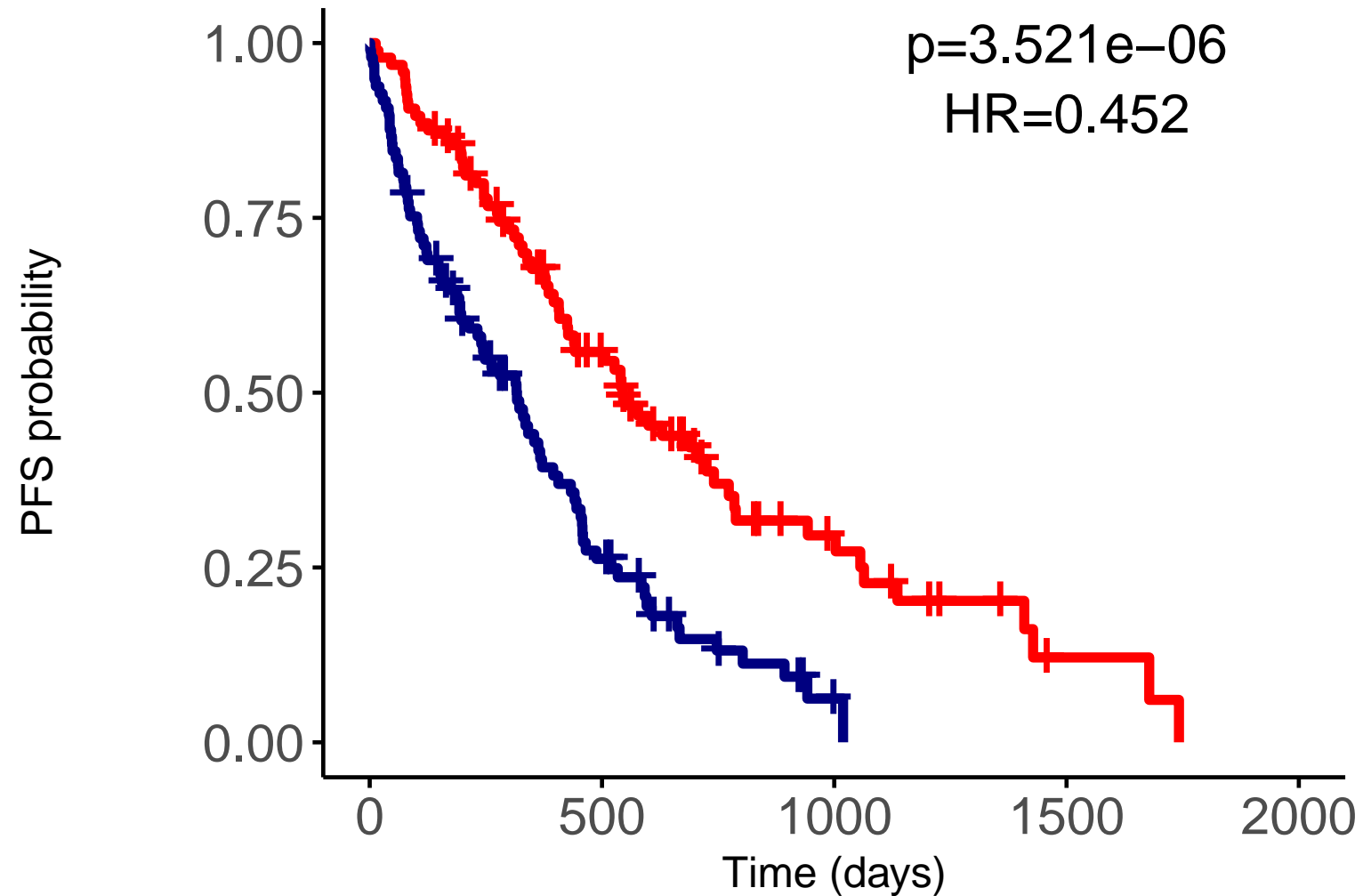


Number at risk

High (>0.2293)	97	27	5	0	0
Low (<=0.2293)	96	39	9	2	0
	0	500	1000	1500	2000
	Time (days)				

Paloma3_F10_estrogen_response (n=200)

+ High (>0.1013)
 + Low (≤ 0.1013)



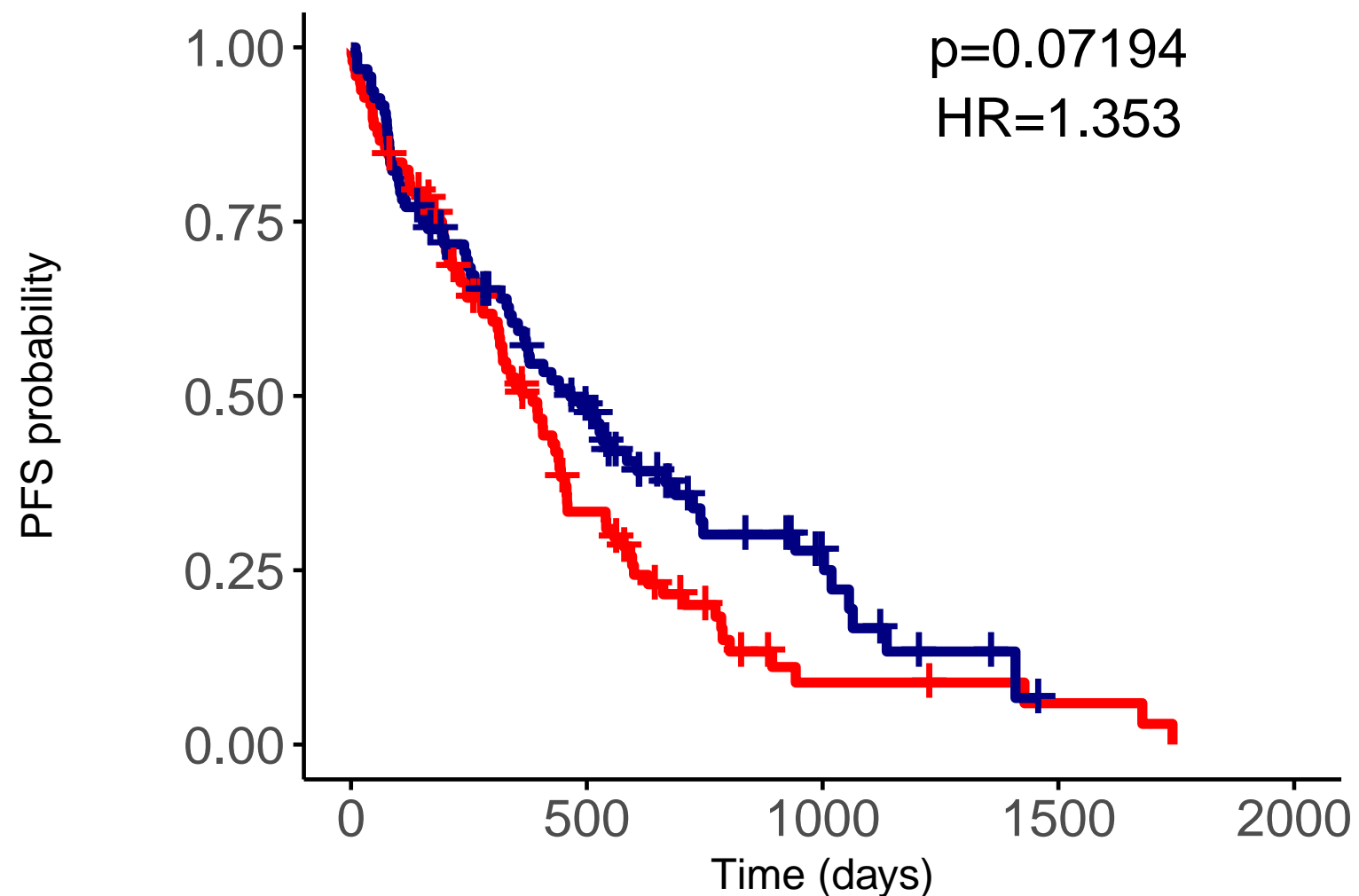
Number at risk

	0	500	1000	1500	2000
High (>0.1013)	96	44	13	2	0
Low (≤ 0.1013)	97	22	1	0	0

Time (days)

Paloma3_F8_EMT (n=200)

High (>0.011) Low (<=0.011)



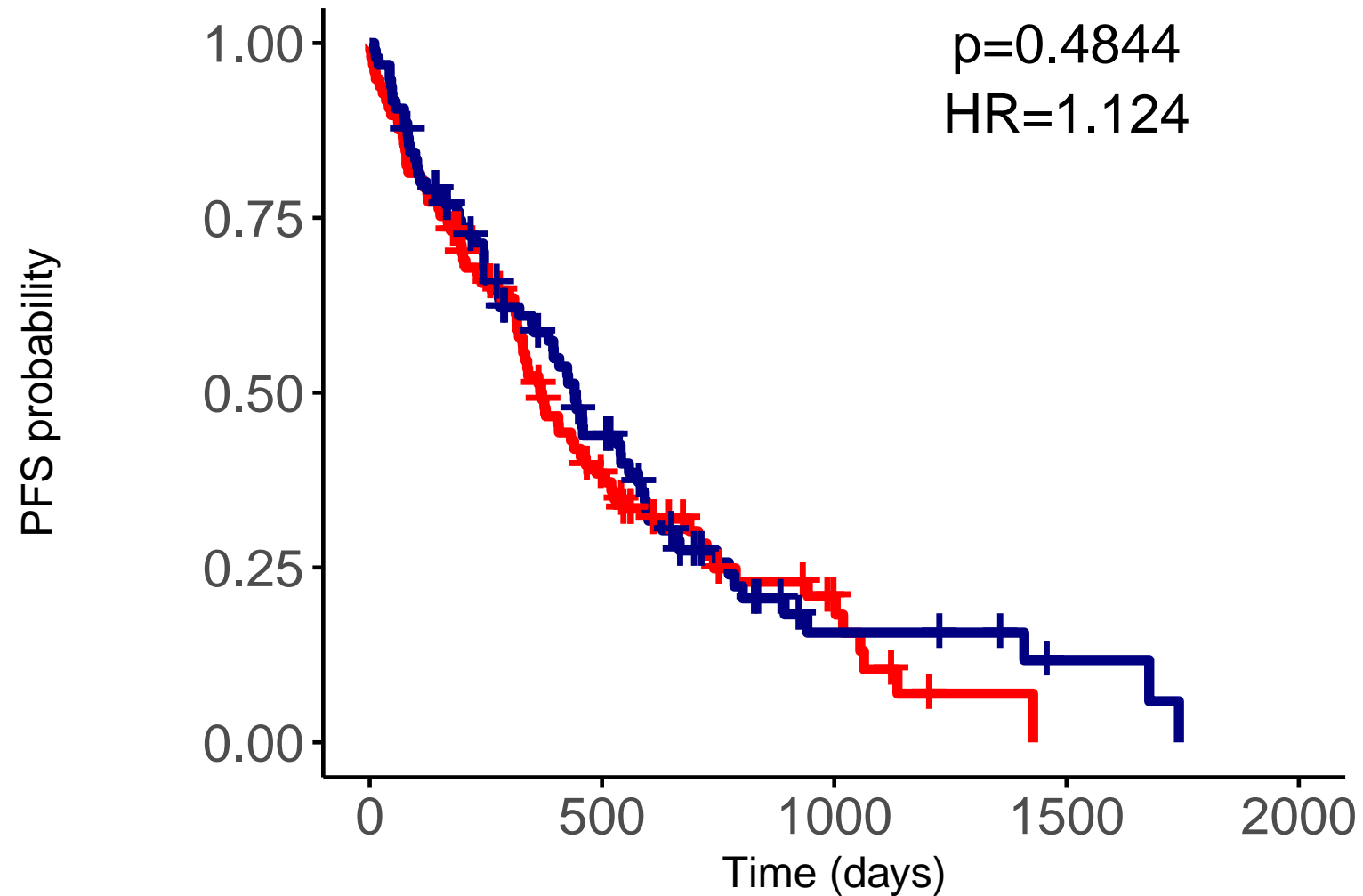
Number at risk

High (>0.011)	97	27	4	2	0
Low (<=0.011)	96	39	10	0	0
	0	500	1000	1500	2000

Time (days)

Paloma3_F7_IFNG_response (n=200)

High (>0.0475) Low (<=0.0475)

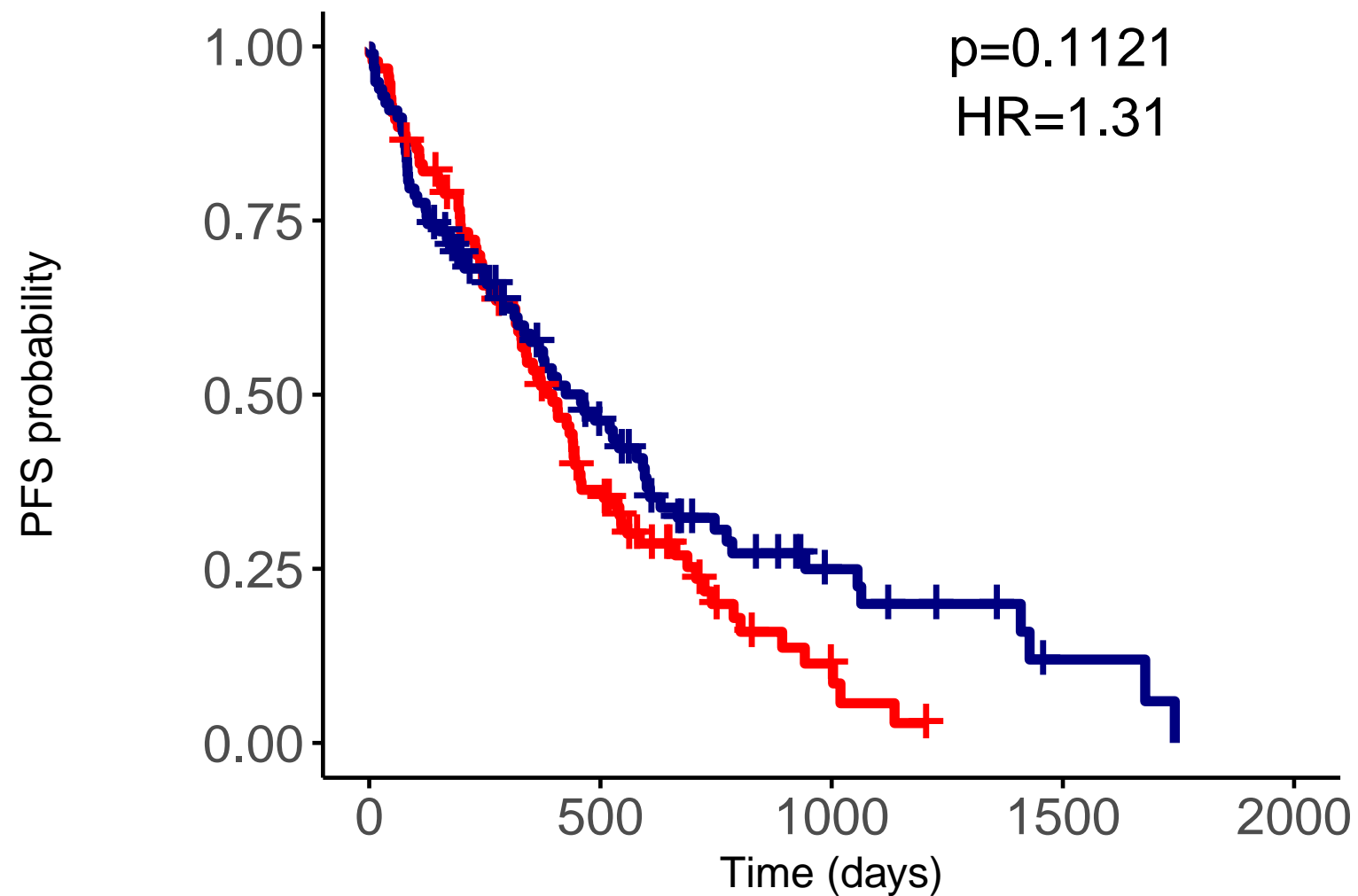


Number at risk

High (>0.0475)	97	31	8	0	0
Low (<=0.0475)	96	35	6	2	0
	0	500	1000	1500	2000
	Time (days)				

MYC_TARGETS_V1 (n=200)

High (>-0.187) Low (≤ -0.187)

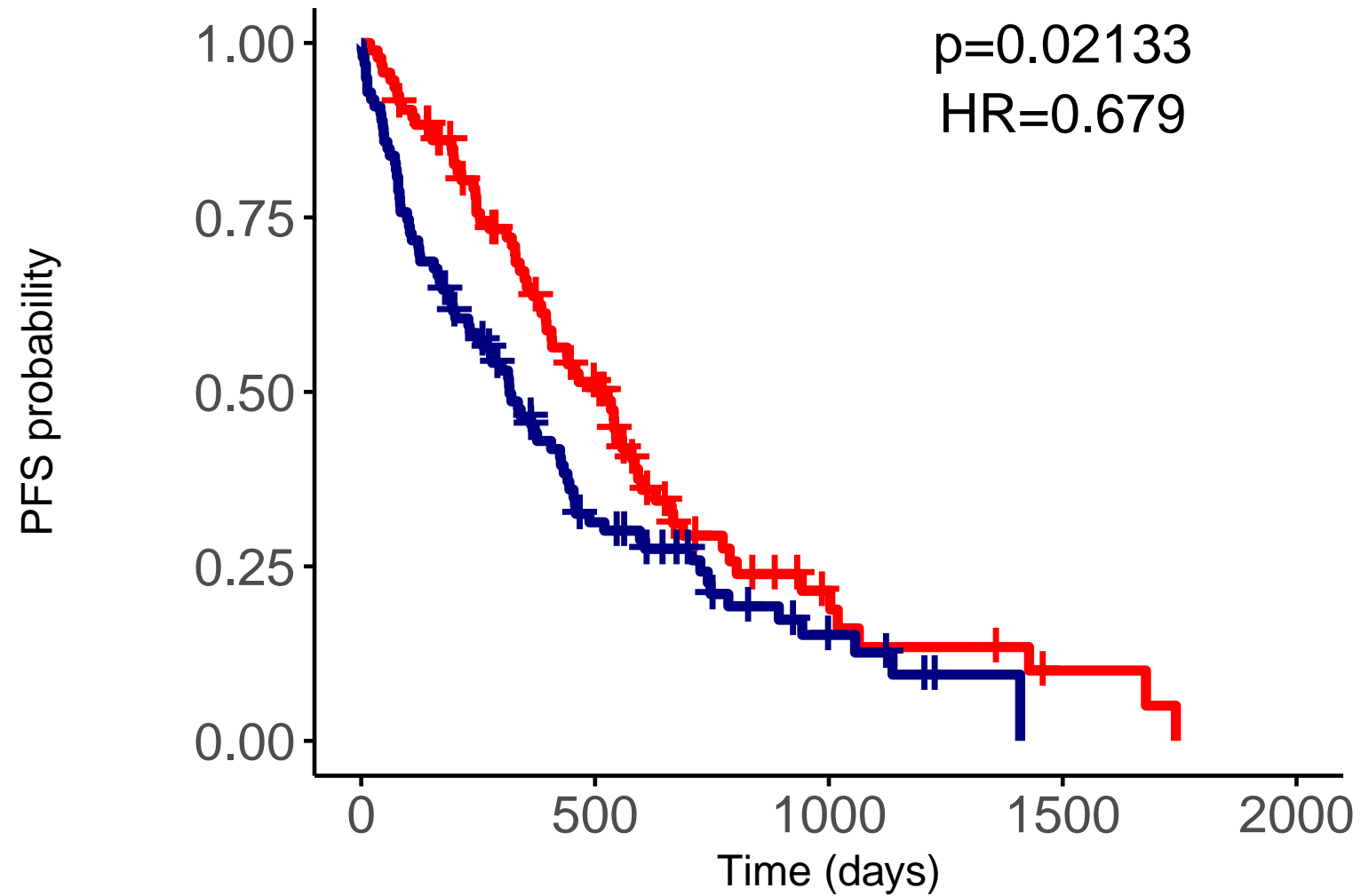


Number at risk

High (>-0.187)	95	31	4	0	0
Low (≤ -0.187)	98	35	10	2	0
	0	500	1000	1500	2000
	Time (days)				

ESTROGEN_RESPONSE_EARLY (n=200)

High ($>4e-04$) Low ($\leq 4e-04$)



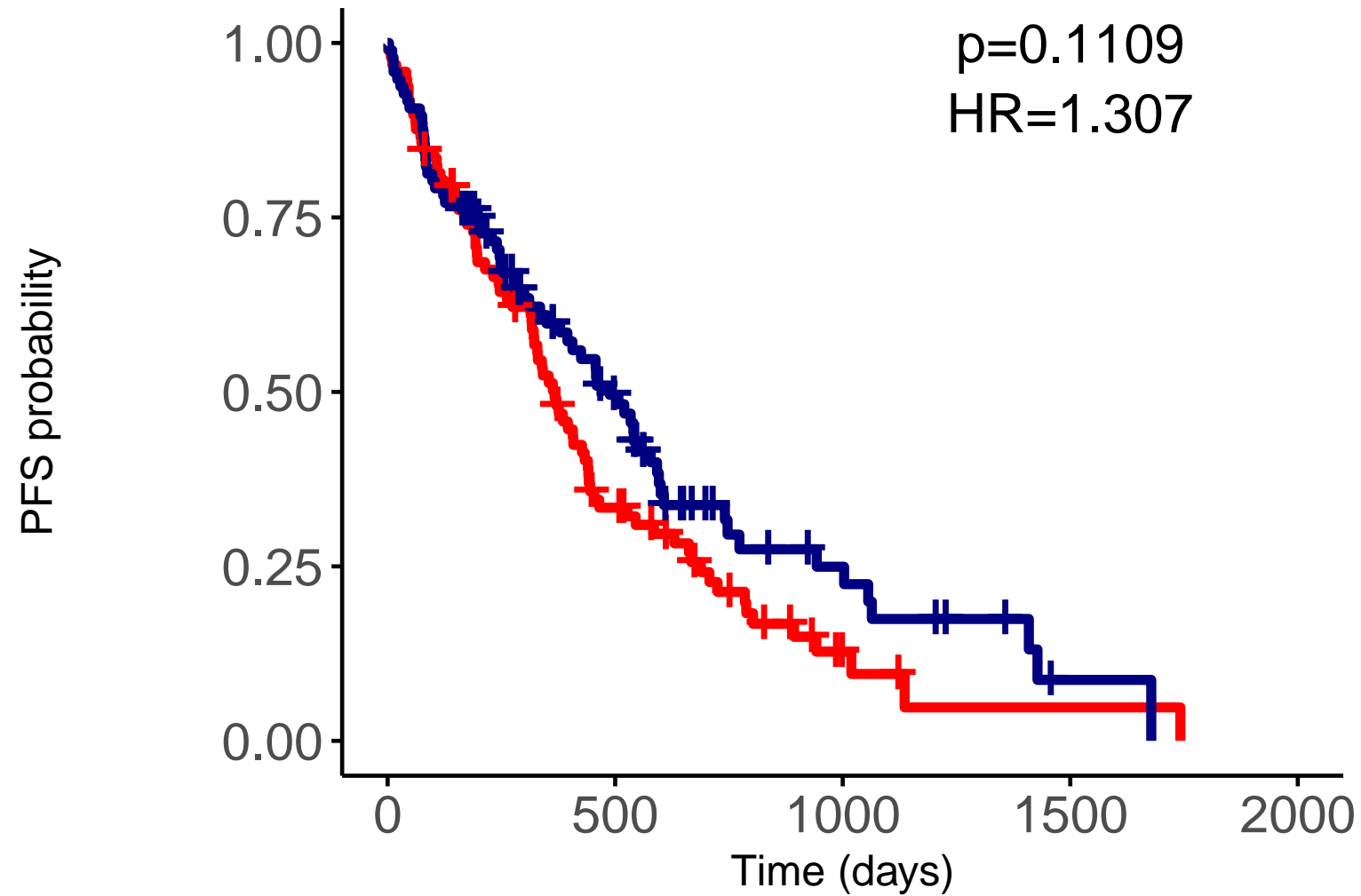
Number at risk

High ($>4e-04$)	94	40	8	2	0
Low ($\leq 4e-04$)	99	26	6	0	0
	0	500	1000	1500	2000

Time (days)

E2F_TARGETS (n=200)

+ High (>-0.1971)
 + Low (≤ -0.1971)

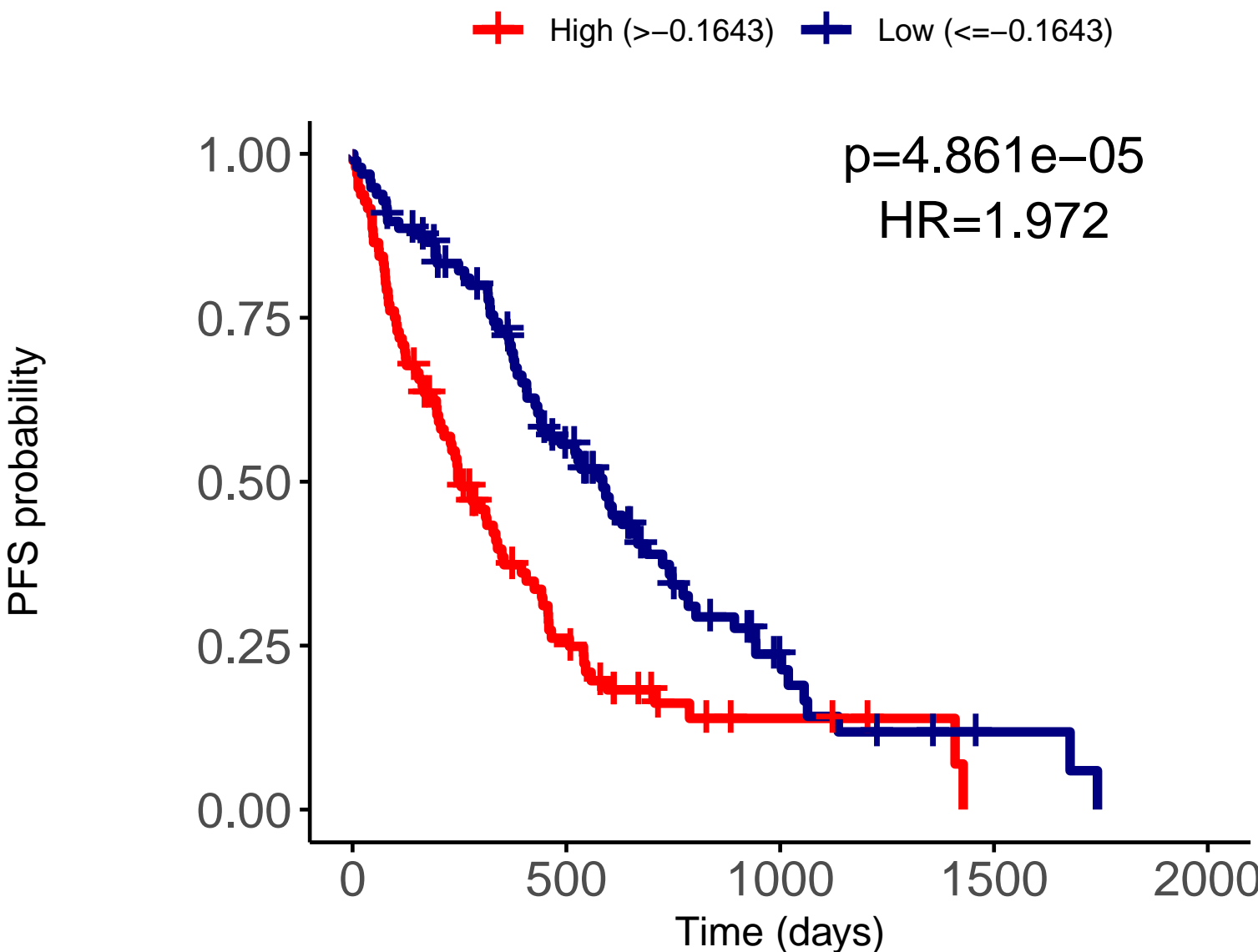


Number at risk

High (>-0.1971)	97	29	4	1	0
Low (≤ -0.1971)	96	37	10	1	0

Time (days)

SMID_BREAST_CANCER_ERBB2_UP (n=2



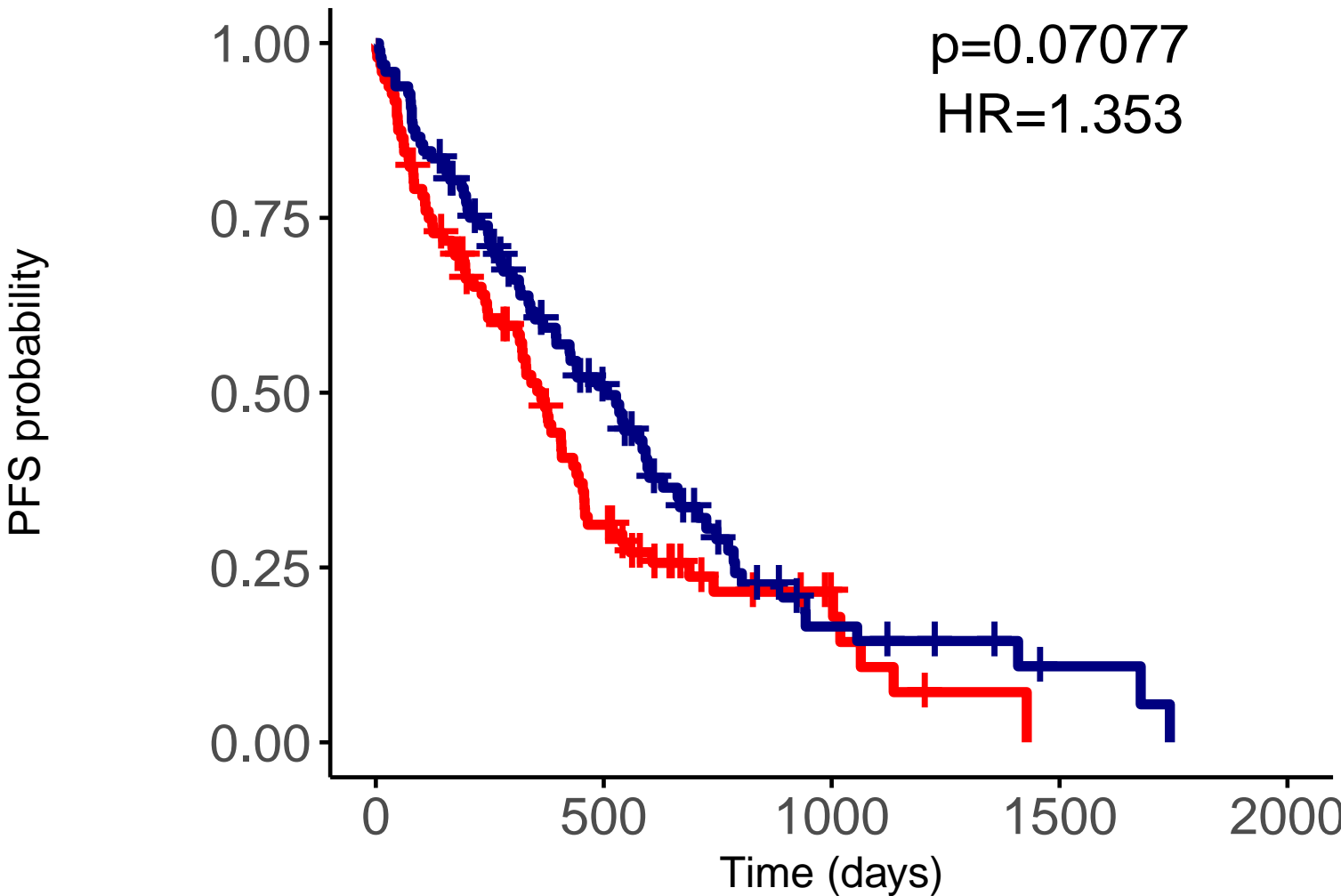
Number at risk

High (>-0.1643)	96	21	4	0	0
Low (<=-0.1643)	97	45	10	2	0

Time (days)

PI3K_AKT_MTOR_SIGNALING (n=200)

High (>-0.0674) Low (<=-0.0674)



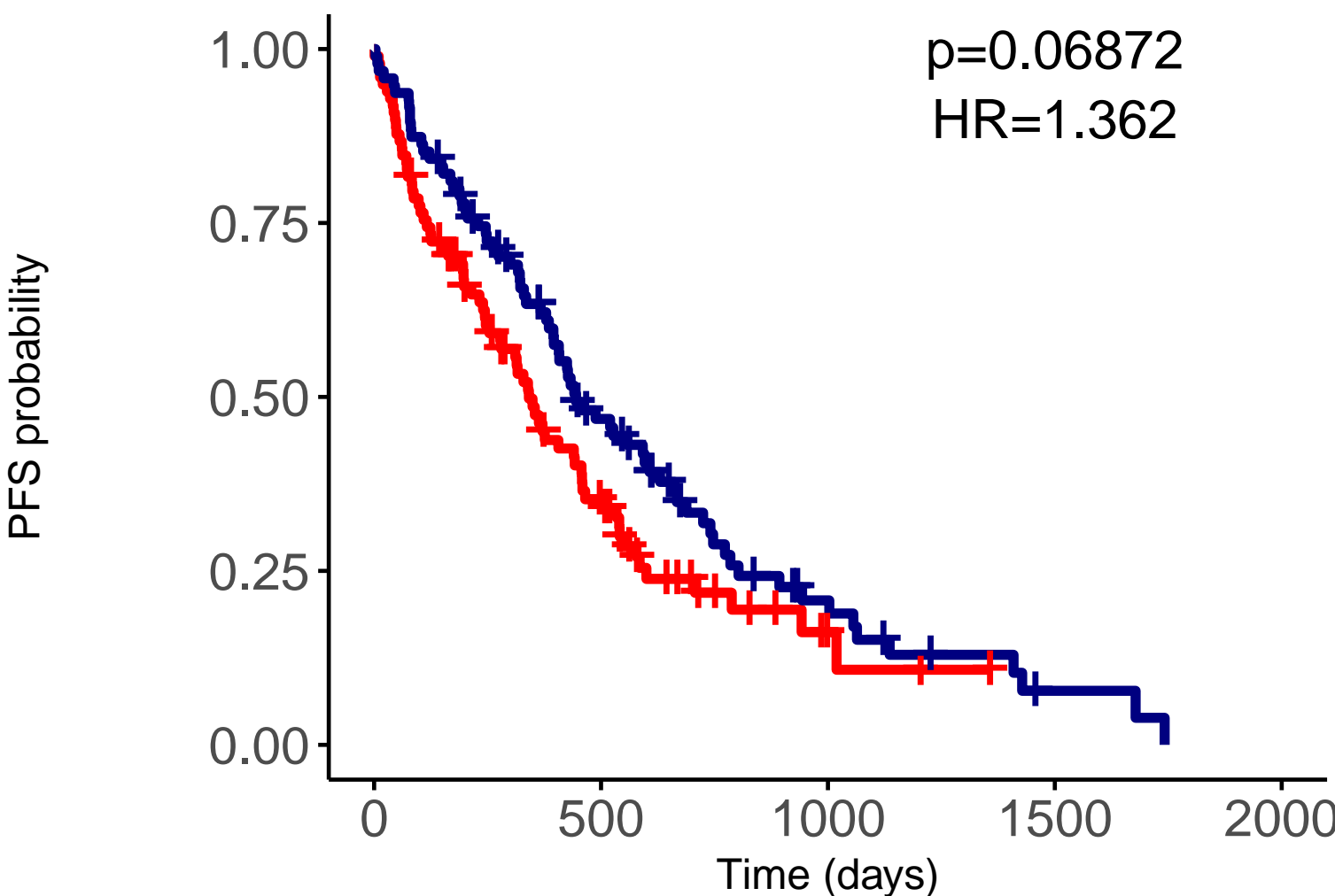
Number at risk

High (>-0.0674)	96	26	6	0	0
Low (<=-0.0674)	97	40	8	2	0

Time (days)

CHOLESTEROL_HOMEOSTASIS (n=200)

High (>-0.1709) Low (<=-0.1709)



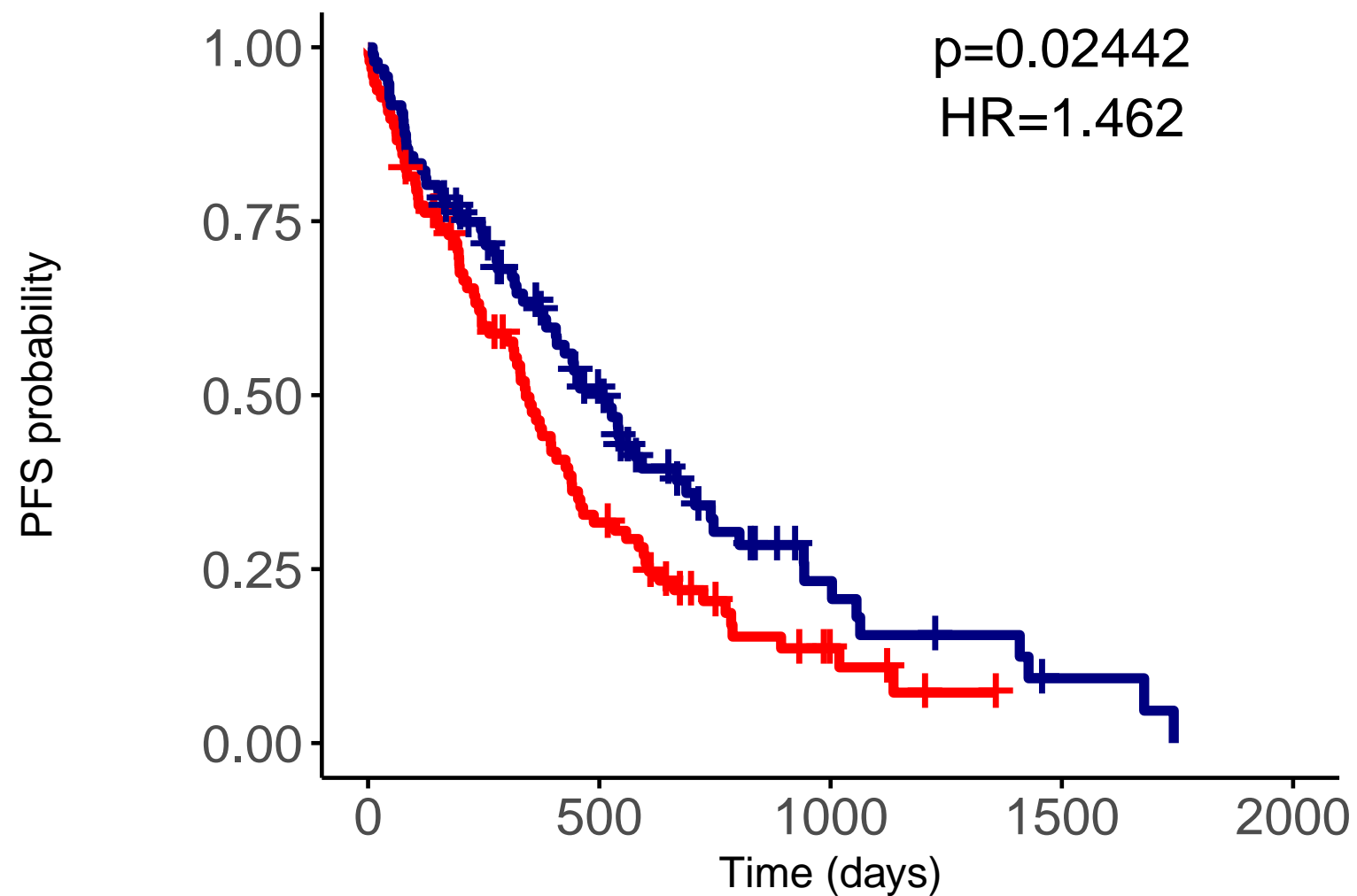
Number at risk

High (>-0.1709)	98	28	3	0	0
Low (<=-0.1709)	95	38	11	2	0
	0	500	1000	1500	2000

Time (days)

EXPR.CCNE1 (n=200)

High (>2.7135) Low (<=2.7135)



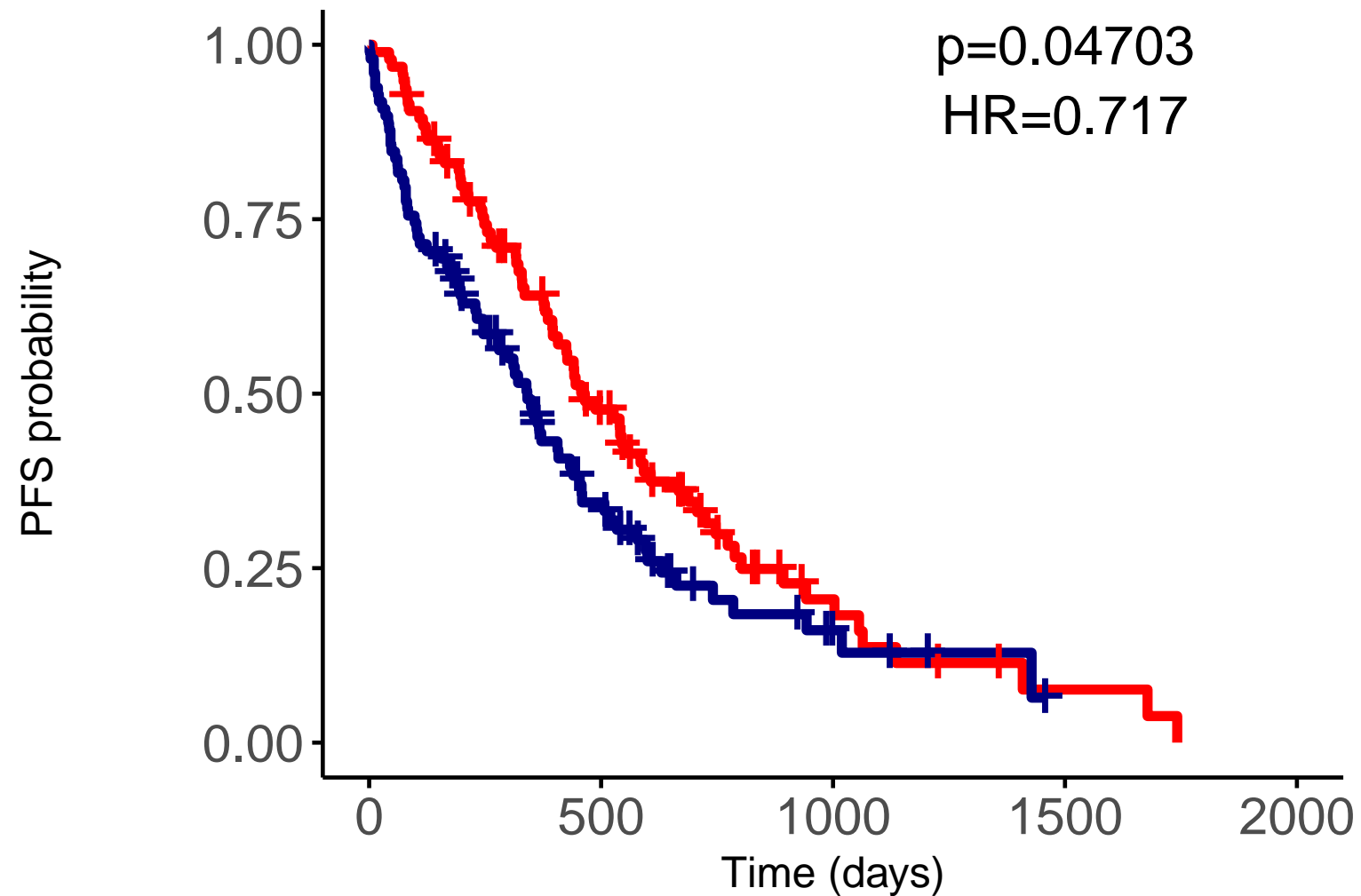
Number at risk

	0	500	1000	1500	2000
High (>2.7135)	97	28	5	0	0
Low (<=2.7135)	96	38	9	2	0

Time (days)

EXPR.ESR1 (n=200)

High (>7.7298) Low (<=7.7298)



Number at risk

	0	500	1000	1500	2000
High (>7.7298)	95	39	9	2	0
Low (<=7.7298)	98	27	5	0	0

Time (days)

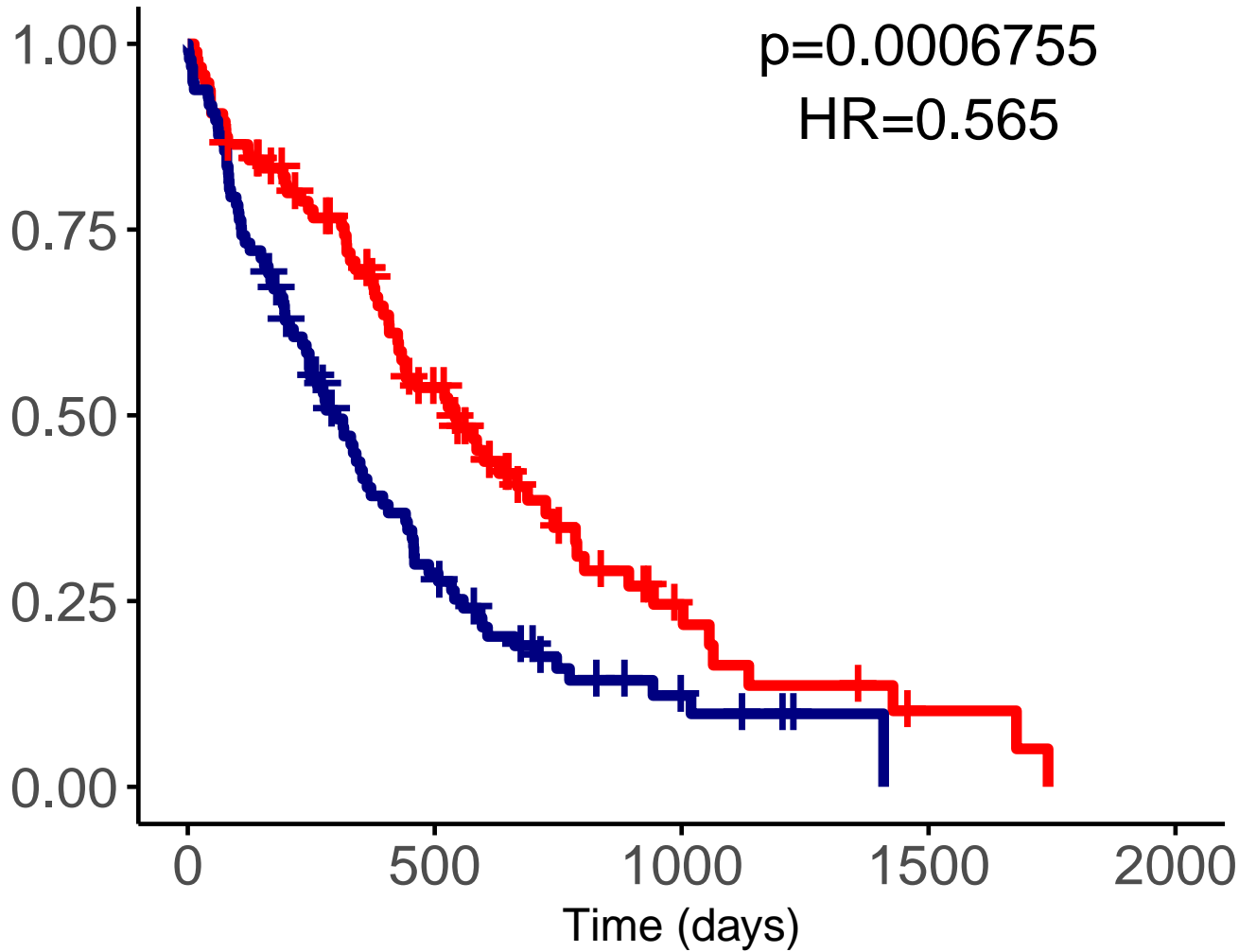
EXPR.PGR (n=200)

High (>2.1799) Low (<=2.1799)

p=0.0006755

HR=0.565

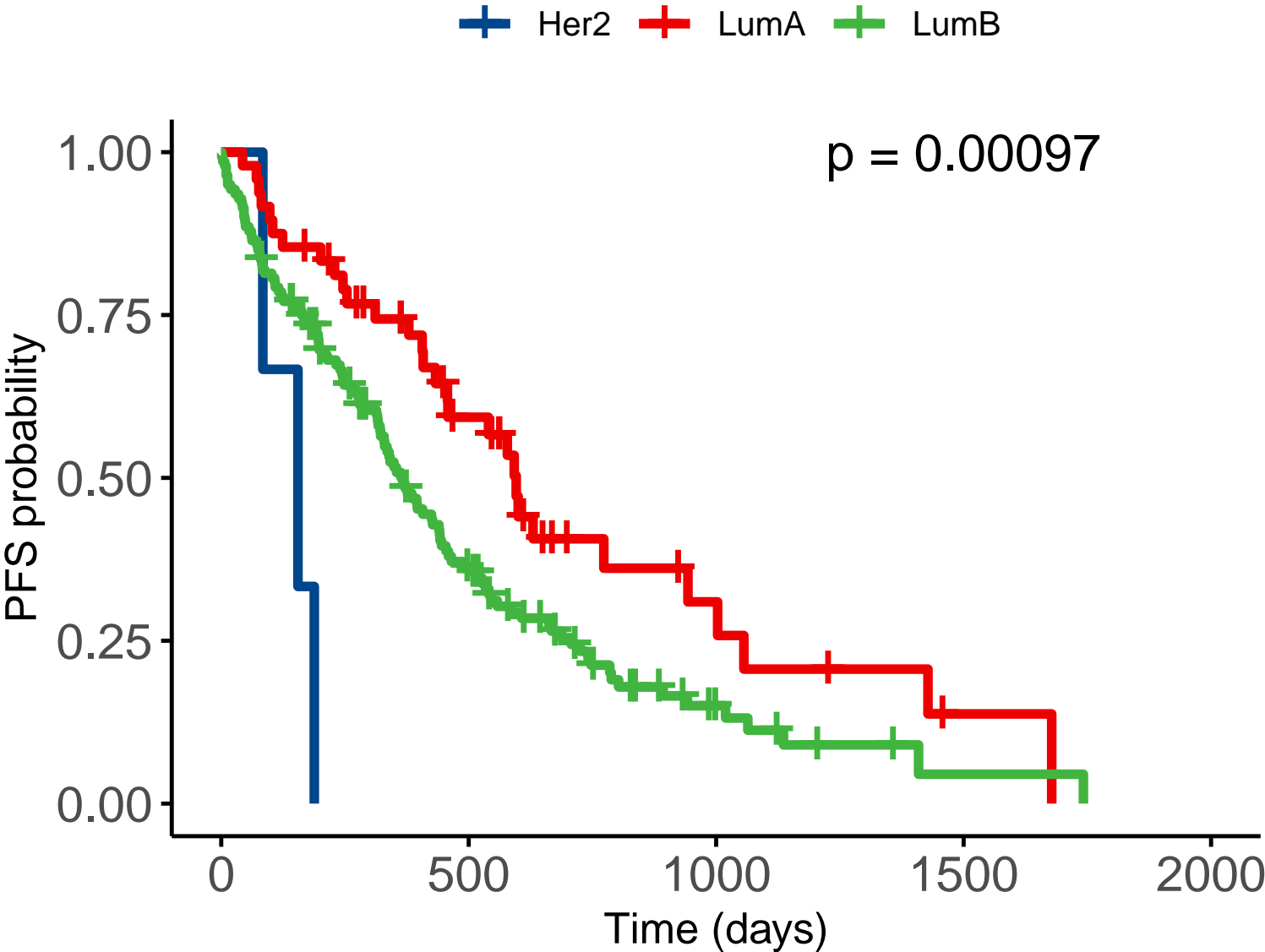
PFS probability



Number at risk

High (>2.1799)	96	41	9	2	0
Low (<=2.1799)	97	25	5	0	0
	0	500	1000	1500	2000
	Time (days)				

subtype_pam50 (n=200)



Number at risk

Her2	3	0	0	0	0
LumA	48	22	6	1	0
LumB	140	44	8	1	0
	0	500	1000	1500	2000
	Time (days)				