

Fig. 1

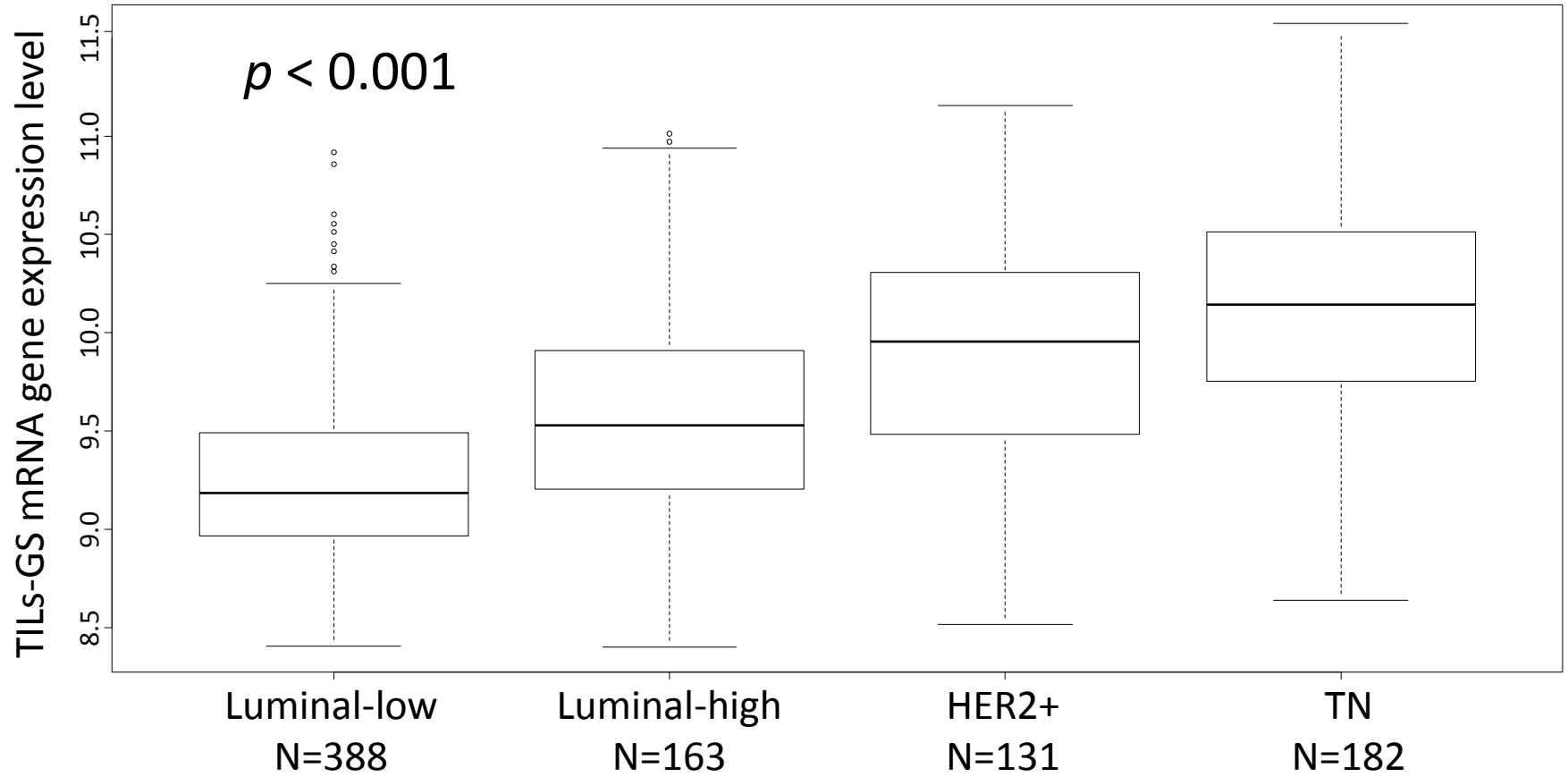


Fig. 2

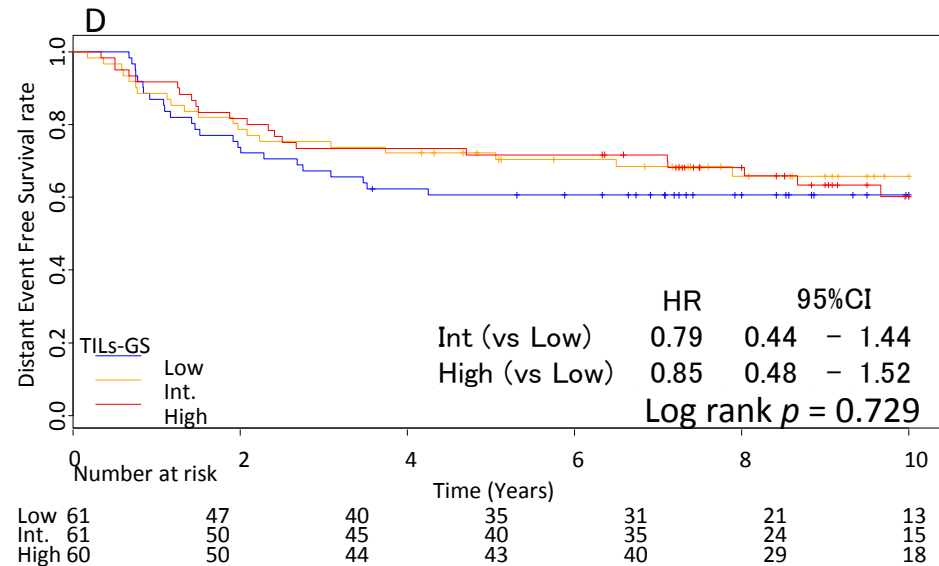
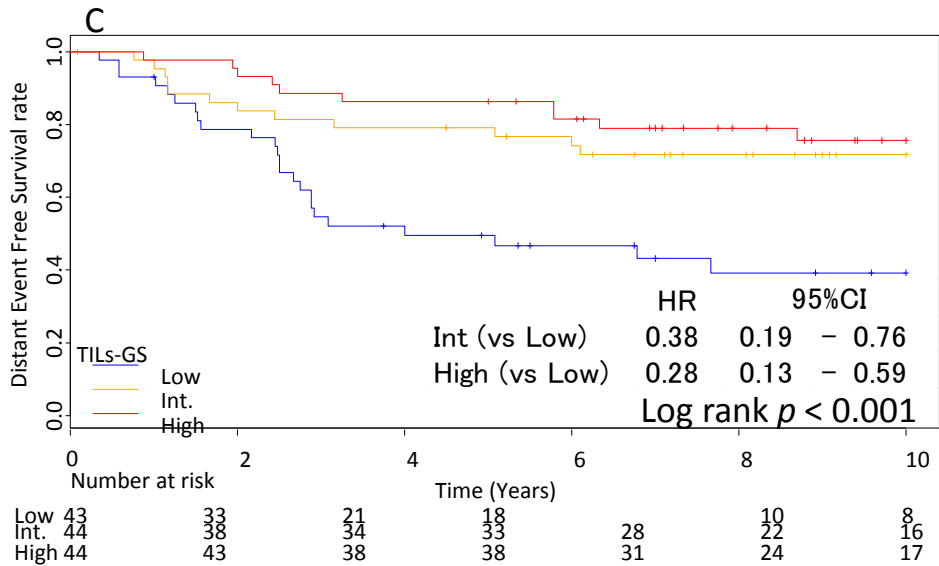
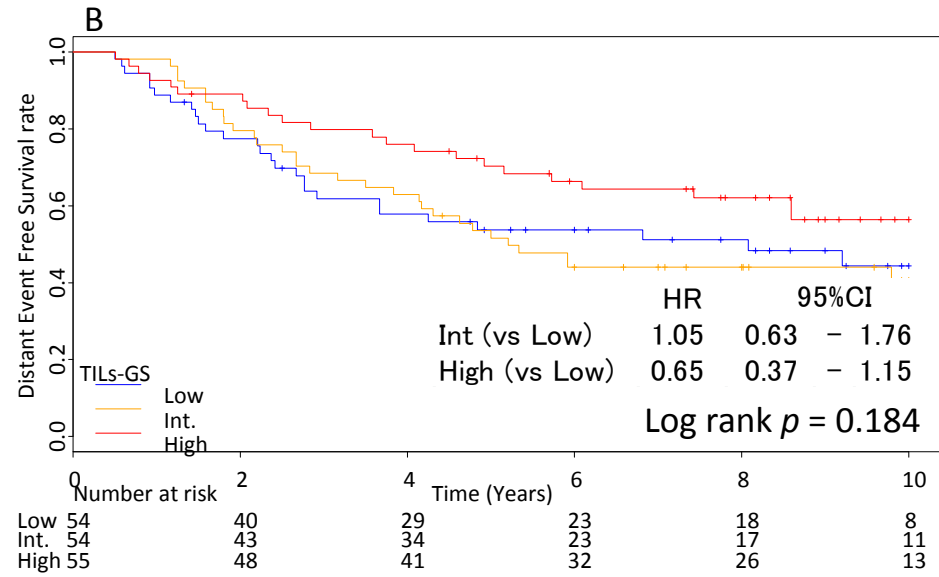
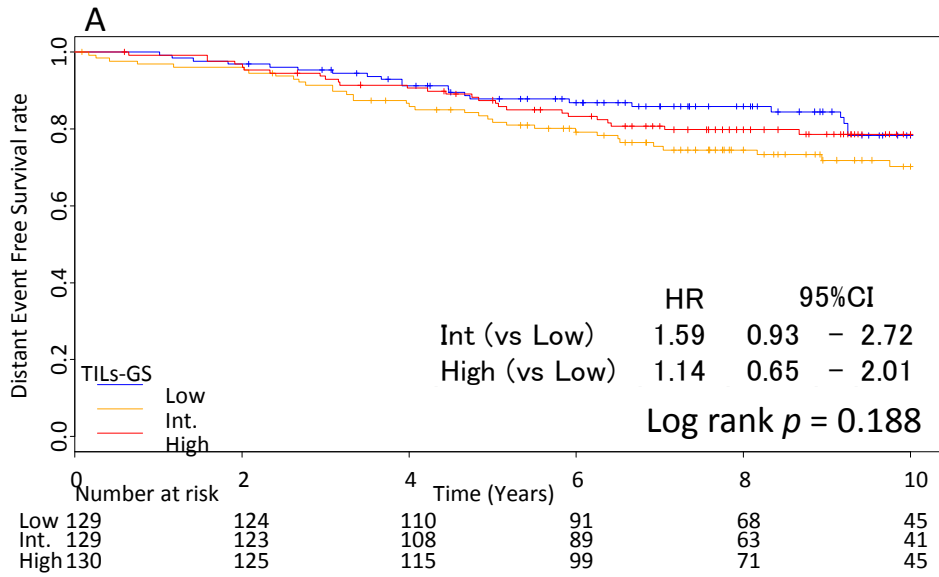


Fig. 3

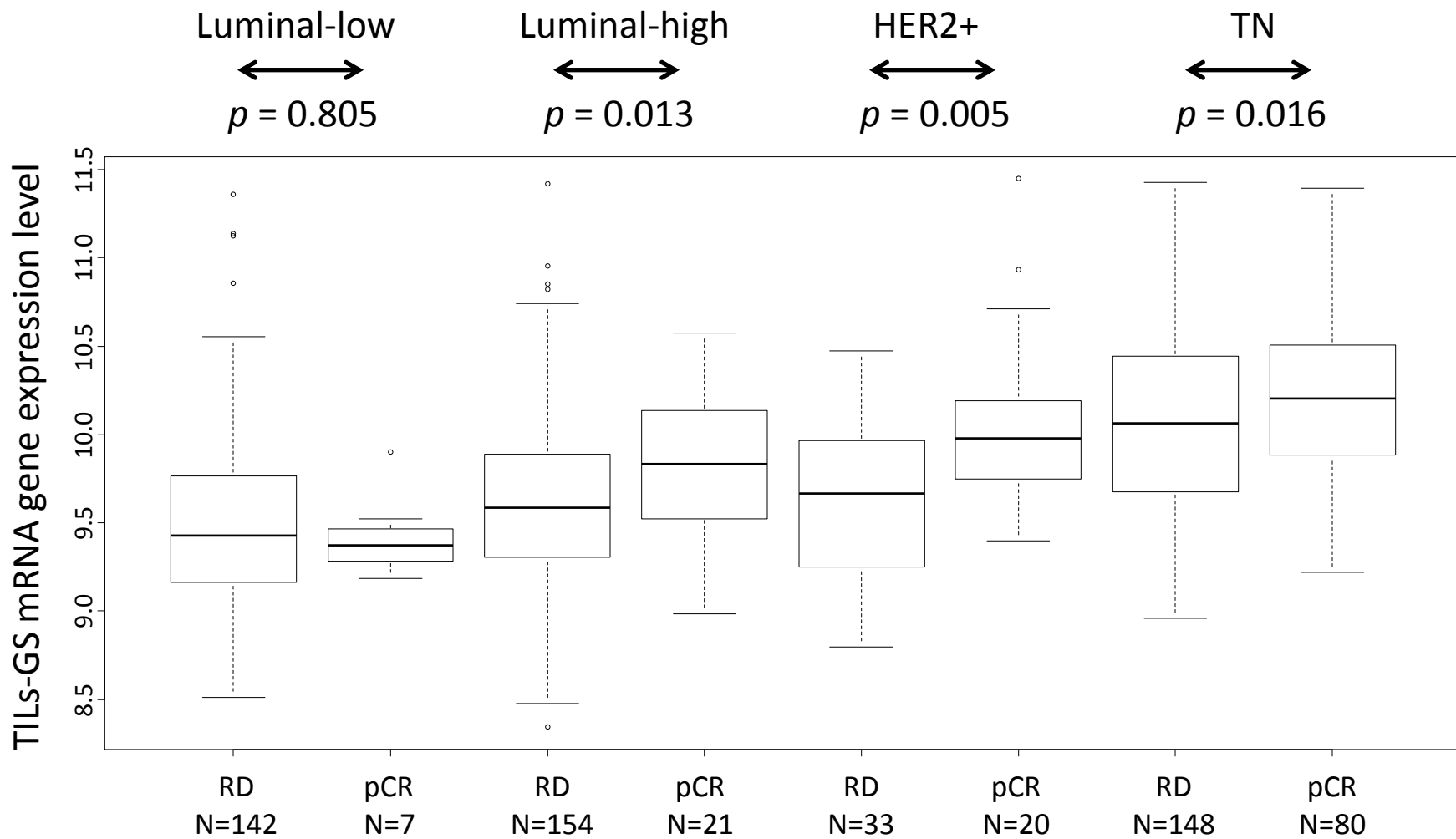


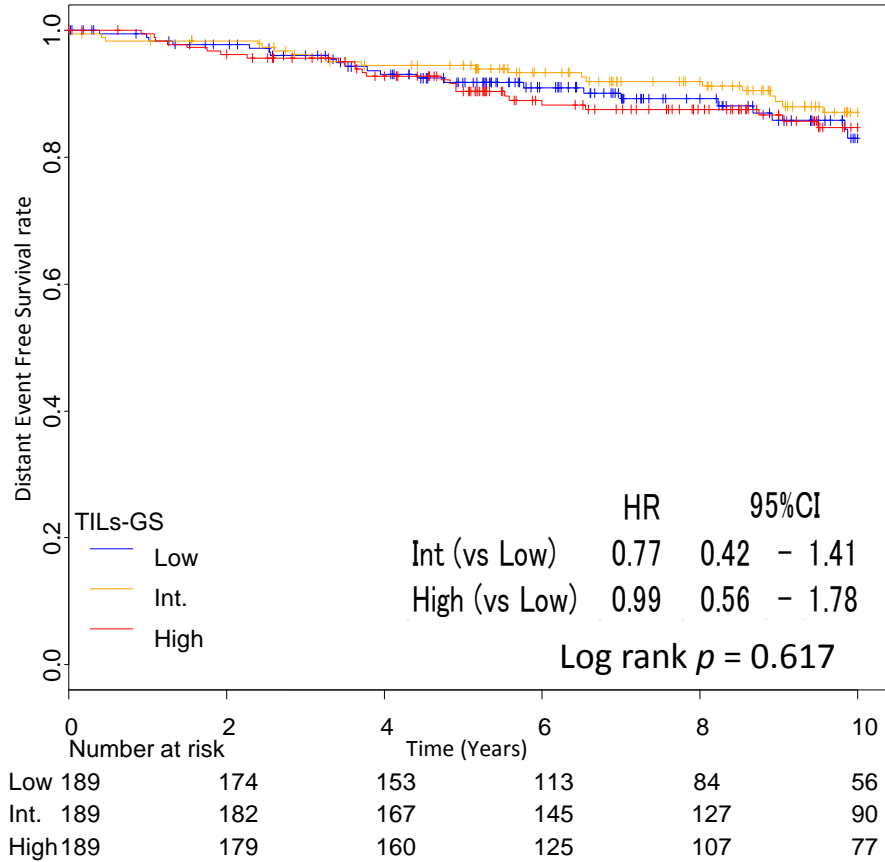
Table 1 Logistic regression analysis for pCR in the anthracycline and taxane containing data set*

	Univariate			Multivariate		
	OR	95% CI	<i>p</i>	OR	95% CI	<i>p</i>
Tumor size	0.83	0.68 - 1.01	0.058	0.78	0.62 - 0.97	0.029
Node status	1.02	0.82 - 1.25	0.888	NE	NE	NE
Grade	3.44	2.24 - 5.56	< 0.001	1.94	1.22 - 3.23	0.008
Age	0.99	0.97 - 1.01	0.343	NE	NE	NE
ER+ (vs. ER-)	0.20	0.13 - 0.30	< 0.001	0.34	0.20 - 0.56	< 0.001
HER2+ (vs. HER2-)	2.49	1.35 - 4.47	0.003	2.18	1.09 - 4.28	0.020
TILs-GS	3.50	2.43 - 5.13	< 0.001	2.02	1.30 - 3.14	0.025

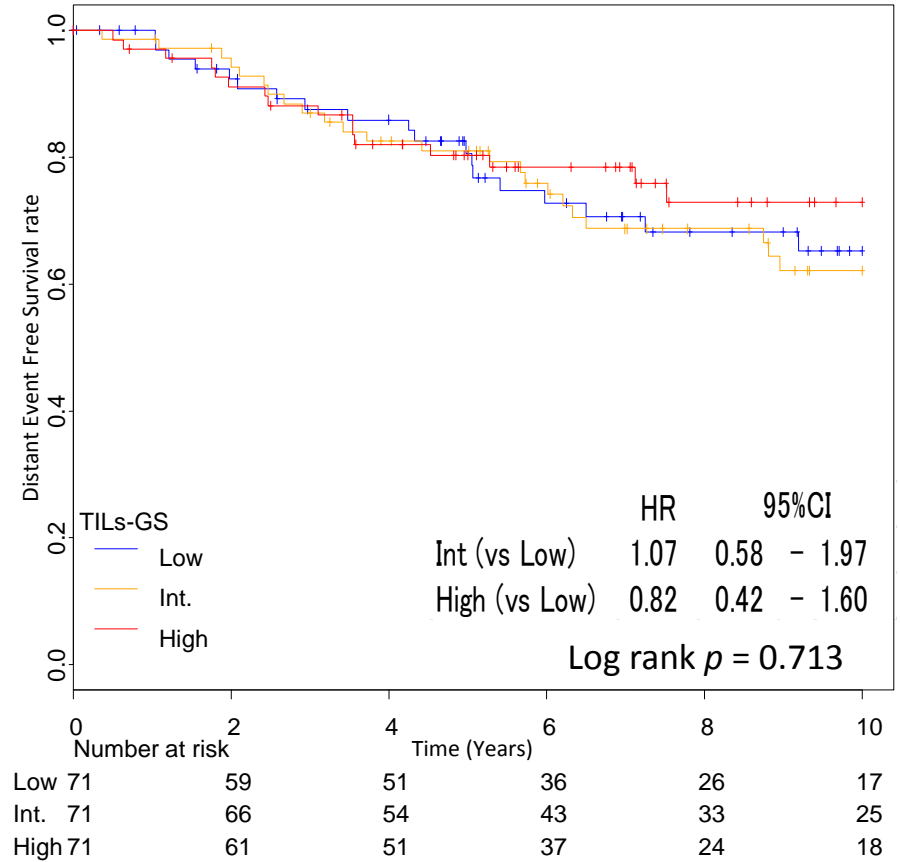
*pCR: pathological complete response; OR: Odds ratio; CI: Confidence interval; ER: Estrogen receptor; HER2: Human epidermal growth factor receptor 2.

Supplementary Fig. 1

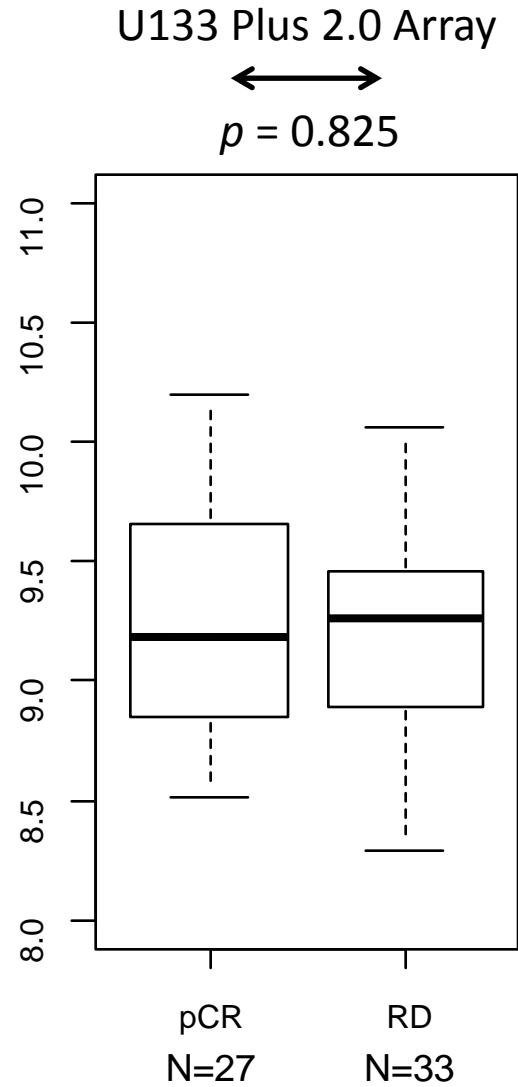
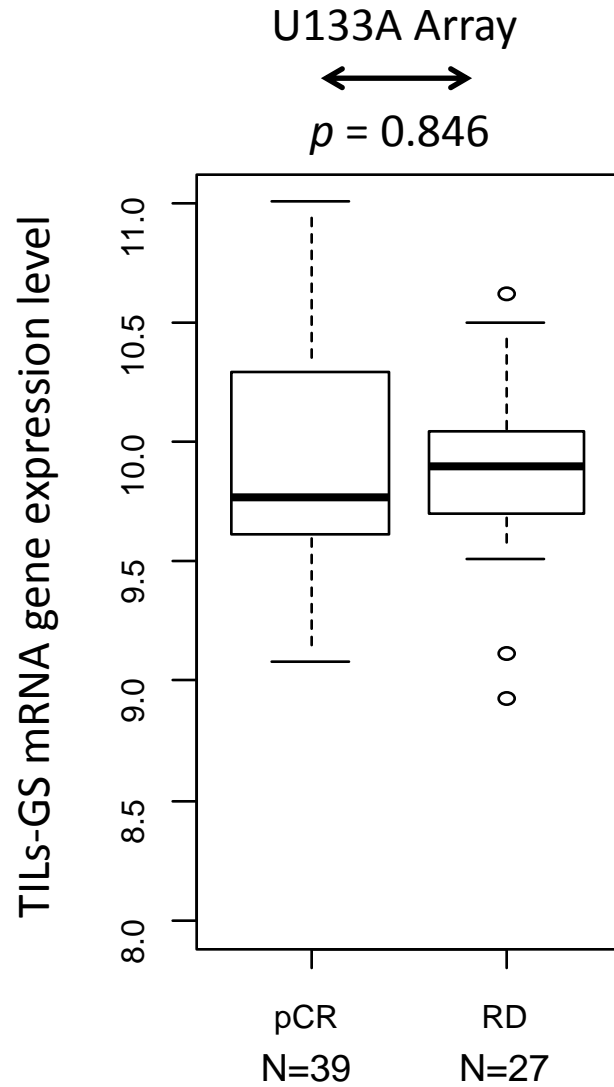
A



B



Supplementary Fig. 2



Supplementary Table 1 Genes differentially overexpressed in IHC-TILs score 2 compared to score 0 (*p*

Symbol	ProbeSet	Name
ICOS	34607_at	inducible T-cell co-stimulator
SEL1L3	41585_at	sel-1 suppressor of lin-12-like 3 (C. elegans)
IL7R	1370_at	interleukin 7 receptor
TCF7	32649_at	transcription factor 7 (T-cell specific, HMG-box)
CENPA	527_at	centromere protein A
IDO1	36804_at	indoleamine 2,3-dioxygenase 1
PAPOLA	34855_at	poly(A) polymerase alpha
SELL	245_at	selectin L
LAMP3	37168_at	lysosomal-associated membrane protein 3
CD53	38378_at	CD53 molecule
HSPA8	33820_g_at	heat shock 70kDa protein 8
MSL3	37974_at	male-specific lethal 3 homolog (Drosophila)
CKS2	40690_at	CDC28 protein kinase regulatory subunit 2
TTK	572_at	TTK protein kinase
LCK	2059_s_at	lymphocyte-specific protein tyrosine kinase
WARS	38121_at	tryptophanyl-tRNA synthetase
PSME2	41171_at	proteasome (prosome, macropain) activator subunit 2 (PA28 beta)
TCP1	34791_at	t-complex 1
MCM6	40117_at	minichromosome maintenance complex component 6
HLA-DOB	38570_at	major histocompatibility complex, class II, DO beta
LCP1	37023_at	lymphocyte cytosolic protein 1 (L-plastin)
TXN	36992_at	thioredoxin

(< 0.001)

Parametric p-value	Geom mean of intensities in IHC-TILs score 2
1.20E-06	194.91
1.04E-05	546.41
3.93E-05	851.31
5.81E-05	253.91
8.39E-05	548.58
9.97E-05	811.89
0.0001827	640.02
0.0002315	432.4
0.0002509	474.64
0.0004345	1510.13
0.0004458	18203.38
0.0005045	374.07
0.0005084	1205.2
0.0005116	264.51
0.0005396	638.62
0.0005436	1485.25
0.0006911	3160.86
0.0007039	1809.13
0.0007212	1517.04
0.0007497	417.89
0.0009115	1645.75
0.0009127	3888.89

Geom mean of intensities in IHC-TILs score 0	Fold-change
106.53	1.83
112.76	4.85
436.64	1.95
129.95	1.95
262.98	2.09
241.49	3.36
614.37	1.04
154.18	2.80
104.95	4.52
798.77	1.89
13654.43	1.33
244.47	1.53
496.15	2.43
82.43	3.21
227.78	2.80
909.38	1.63
2070.17	1.53
1246.15	1.45
934.72	1.62
139.47	3.00
713.44	2.31
2264.17	1.72