Parameter		nª	DKK3 high ^b	DKK3 low ^b	<i>P</i> -value ^c
Total		30	15 (50.0%)	15 (50.0%)	-
Age at diagnosis					
	<63 years	14	10 (71.4%)	4 (28.6%)	0.066
	≥63 years	16	5 (31.3%)	11 (68.7%)	
Tumor size ^d					
	pT1	14	8 (57.2%)	6 (42.8%)	0.715
	pT2-3	16	7 (43.7%)	9 (56.3%)	
Lymph node status	S ^d				
	pN0	17	7 (41.2%)	10 (58.2%)	0.462
	pN1-3	12	7 (58.3%)	5 (41.7%)	
Histological tumor	grade ^e				
	G1-2	8	7 (87.5%)	1 (12.5%)	0.035
	G3	22	8 (36.4%)	14 (63.6%)	
Oestrogen recepto	or status				
	negative (IRS ^f 0-2)	16	4 (25.0%)	12 (75.0%)	0.009
	positive (IRS ^f 3-12)	14	11 (78.6%)	3 (21.4%)	
Progesterone rece	eptor status				
-	negative (IRSf 0-2)	15	5 (33.3%)	10 (66.7%)	0.066
	positive (IRS ^f 3-12)	15	10 (66.7%)	5 (33.3%)	
HER2 status ^g					
	negative	24	11 (45.8%)	13 (54.2%)	0.651
	positive	6	4 (66.7%)	2 (33.3%)	

Supplementary Table 6: Clinico-pathological parameters of cryoconserved breast cancer specimens in relation to *DKK3* mRNA expression

^aOnly female patients with primary, unilateral, invasive breast cancer were included. ^bExpression was dichotomized into "*DKK3* high" and "*DKK3* low" based on the median *DKK3* expression. ^cFisher's exact test. Significant P-values are marked in bold face. ^dAccording to TNM classification by Sobin and Wittekind [1]. ^eAccording to Bloom and Richardson, as modified by Elston and Ellis [2]. ^fImmunoreactive score (IRS) according to Remmele and Stegner [3]. ^gOverexpression of the *ERBB2* gene (Her-2/neu) was diagnosed analogously to the threshold of the DAKO-Score system based on IHC assay. Uncertain cases were additionally validated by FISH assay. Percentages may not sum-up to 100% due to rounding.

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