Autoantibodies in Breast Cancer

In the article on autoantibodies in breast cancer in the August 1, 2004 issue of *Cancer Research* (1), in Table 6, the entry for UP 859 was incorrect. The corrected table appears below with the correct entry corresponding to elongation factor-2 in bold.

 Fernández-Madrid F, Tang N, Alansari H, Granda JL, Tait L, Amirikia KC, Moroianu M, Wang X, Karvonen RL. Autoantibodies to annexin XI-A and other autoantigens in the diagnosis of breast cancer. Cancer Res 2004;64:5089–96.

Table 6. Possible diagnostic markers for DCIS ^a of the breast					
cDNA identity*	GenBank accn [†]	$bp^{^{\ddagger}}$	DCIS	IDC	P
Annexin XI-A (CB331917) [†]	NP_001148	205-418	9	8	<0.0001
NIFK (CB331935) ³⁴	AAH12457	667-898	5	0	< 0.0001
KIAA1671 (CB331932) ³²	BAB33341	447-800	5	1	< 0.0001
UP96 (CF751987)	nsh		4	1	0.0010
UP104 (CF751988-9)§	nsh		4	2	0.0045
Ribosomal protein S6 (CB331938) ²⁹	AB062123	416-653	5	5	0.0107
Cyclin K (CB331940) ³³	AF542236	32652-32475	3	1	0.0118
UP94 (CF751987)	nsh		3	1	0.0118
UP107 (CK235960)	nsh		3	1	0.0118
Grb2-AP2 (CB331927) ^{39,40a}	NP_036428	1506-1599	2	0	0.0250
Elongation factor-2 (CB331921)	P09445	2495-2580	2	0	0.0250
UP455 (CF751964)	nsh		0	22	0.0371

NOTE: aDCIS , ductal carcinoma in situ; Grb2-AP2, Grb2-associated protein 2; IDC, invasive ductal carcinoma; nsh, no significant homology; UP, unknown protein. The total number of subjects with DCIS is 15 and that with IDC of the breast is 75. The P value was determined by χ -square with Yates correction for small values and ns is a P > 0.05. Autoantigens are listed in order of decreasing significance.

^{*}The GenBank expressed sequence tag accession numbers assigned to the identified partial sequences are included in parentheses in the cDNA identity column.

[†]Accession numbers listed under GenBank accn indicate the identity of the known protein identical to the phage cloned.

[‡]bp is the partial base pair sequence of known proteins identified from the cloning.

Denotes that PCR and sequence analysis revealed more than one product, each with a different sequence.

^{||}Denotes association of reactivity with more than one phage, annexin XI-A (17), ribosomal protein S6 (2), Grb2-associated protein 2 (2), each of which has the number of positive breast cancer sera, non-cancer sera, and P values expressed for the group of identical phages as a combined unit.



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Cancer Res 2006;66:5526.

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