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B7 Expression on T Cells Down-Regulates Immune Responses through CTLA-4 Ligation via R-T Interactions.

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CORRECTIONS

Xinle Cui, Farshid N. Rouhani, Feras Hawari, and Stewart J. Levine. Shedding of the Type II IL-1 Decoy Receptor Requires a Multifunctional Aminopeptidase, Aminopeptidase Regulator of TNF Receptor Type 1 Shedding. *The Journal of Immunology* 2003;171:6814–6819.

In *Results*, the authors wish to provide clarification of the experiments using the *arts-1*$^{(-/-)}$ cell lines in Figures 3 and 4.

Although the cloned *arts-1*$^{(-/-)}$ cell lines used in this study did not express either ARTS-1 protein or mRNA, and *arts-1* exons 5 and 6 could not be amplified by PCR of genomic DNA, subsequent experiments have revealed detectable ARTS-1 protein expression in these cell lines. Therefore, the *arts-1*$^{(-/-)}$ cell lines are not clonal populations of cells homozygous for the targeted deletion of *arts-1* exons 5 and 6. This was confirmed by PCR of genomic DNA using the *arts-1* exon 5/6 primer pair. As shown below in Figure 8, a 1328 PCR product was generated from the wild-type NCI-H292 cells, as well as from the three *arts-1*$^{(-/-)}$ cell lines (#1–#3), which demonstrates the presence of *arts-1* exons 5 and 6. Since the *arts-1*$^{(-/-)}$ cells that were used for the experiments presented in this paper expressed neither ARTS-1 protein nor mRNA at the time the experiments were performed, we believe that the conclusions regarding the role of ARTS-1 in IL-1R shedding are valid.

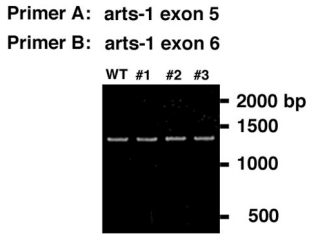

FIGURE 8. PCR amplification of genomic DNA from wild-type (WT) and three *arts-1*$^{(-/-)}$ cell lines.

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In preparing *Corrections* for the April 15, 2004 issue (172:5128) to correct the title of the article by Taylor et al., an error was made in the title and the last author's last name was misspelled. The correct title and author line are shown below.

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Hiranmoy Das, Masahiko Sugita, and Michael B. Brenner. Mechanisms of Vδ1 γδ T Cell Activation by Microbial Components. *The Journal of Immunology* 2004;172:6578–6586.

In the fifth sentence and the last sentence of the abstract, "MHC class I-related chain B molecules" should be, "MHC class I-related chain (MICA/B) molecules."

Patrick Perrier, Fernando O. Martinez, Massimo Locati, Giancarlo Bianchi, Manuela Nebuloni, Gianluca Vago, Flavia Bazzoni, Silvano Sozzani, Paola Allavena, and Alberto Mantovani. Distinct Transcriptional Programs Activated by Interleukin-10 with or without Lipopolysaccharide in Dendritic Cells: Induction of the B Cell-Activating Chemokine, CXC Chemokine Ligand 13. *The Journal of Immunology* 2004;172:7031–7042.

In *Materials and Methods*, the first page of Table III is duplicated in Table II. The correct Table II is shown below.

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Table II. *IL-10-regulated genes*[a]

		CTRL	IL-10		LPS		LPS+IL-10	
			2h	8h	2h	8h	2h	8h
Antimicrobial agent								
neutrophil cytosolic factor 1	NCF1	5203.0	3102.6	1300.9	7861.3	10245.5	5386.1	10075.7
Cell motility								
ectonucleotide pyrophosphatase/phosphodiesterase 2	ENPP2	879.4	1762.3	5878.7	805.1	738.4	1310.5	3165.1
Cytokines								
interleukin 7	IL7	5.3	162.6	149.4	13.3	4.8	8.4	36.3
pre-B-cell colony-enhancing factor	PBEF	1233.1	3487.1	2437.0	4651.3	2861.1	5968.7	4510.1
interleukin 4 receptor	IL4R	803.5	2978.7	2187.0	1612.7	2842.4	2421.6	2771.8
Development								
pim-1 oncogene	PIM1	1895.4	7004.4	6424.9	7064.5	3359.1	7323.4	4230.2
frizzled homolog 2 (Drosophila)	FZD2	535.1	2531.2	1749.9	150.9	164.6	240.1	383.7
Enzyme inhibitor								
alpha-1 antitrypsin	SERPINA1	303.7	998.2	2214.5	1195.8	6598.5	1281.7	6466.8
Extracellular matrix								
versican (chondroitin sulfate proteoglycan 2)	CSPG2	16.8	189.3	384.6	94.4	156.9	278.2	436.6
Inflammation/tissue remodelling								
pentaxin-related gene, rapidly induced by IL-1 beta	PTX3	242.8	2233.7	1891.9	5519.2	8349.1	9693.4	6006.5
Intracellular enzymes								
glycerol kinase	GK	335.7	1323.4	729.7	617.1	736.8	1271.8	1308.8
sialyltransferase 4A (beta-galactosidase alpha-2,3-	SIAT4A	234.4	398.4	534.6	135.6	371.4	295.6	348.2
2'-5'-oligoadenylate synthetase 2, 69/71kDa	OAS2	696.4	763.0	128.6	1604.7	1935.8	1256.2	2477.6
fatty-acid-Coenzyme A ligase, long-chain 2	FACL2	1091.0	2487.7	1264.8	2645.2	4457.2	3965.1	2716.9
carbohydrate (chondroitin) synthase 1	CHSY1	504.2	1202.9	972.5	390.5	456.5	1585.0	490.2
malic enzyme 1, NADP(+)-dependent, cytosolic	ME1	5805.5	3295.4	2272.3	3654.1	426.6	3622.0	457.3
Membrane receptors								
G protein-coupled receptor 105	GPR105	710.9	241.1	215.4	242.5	3.1	213.4	19.7
signaling lymphocytic activation molecule	SLAM	655.8	3578.4	1767.3	3166.2	7968.0	8328.4	7028.3
calcitonin receptor-like	CALCRL	347.1	185.3	150.7	396.8	492.1	168.4	460.1
transferrin receptor (p90, CD71)	TFRC	2117.9	5446.0	3847.8	2654.0	9843.1	8110.0	8474.2
Nuclear receptor								
vitamin D (1,25- dihydroxyvitamin D3) receptor	VDR	129.3	628.4	568.8	25.1	116.4	242.9	323.5
Oncogenes								
leukocyte receptor cluster (LRC) member 4	LENG4	32.4	143.5	258.1	71.9	15.5	144.5	88.3
zinc finger protein 36, C3H type-like 2	ZFP36L2	2499.3	799.1	1007.7	2503.6	428.0	482.1	588.9
RNA processing								
nuclear matrix protein p84	P84	341.0	118.0	122.1	86.7	42.9	65.4	70.1
Signaling								
dual specificity phosphatase 2	DUSP2	767.1	490.4	359.6	9131.6	1421.8	8634.9	1284.0
mitogen-activated protein kinase kinase kinase 4	MAP3K4	498.4	88.8	313.9	718.8	1914.2	473.3	1561.1
clone lambda-16-1 non-receptor tyrosine phosphatase 1	PTPN1	537	1921.2	1258.6	2048.5	1801	3151	1697.1
protein tyrosine phosphatase, non-receptor type 2	PTPN2	226.4	224.4	486.2	205.9	727.1	485.3	1089.7
phosphoinositide-3-kinase, catalytic, gamma polypeptide	PI3Ky	320.8	150.2	70.8	113.3	39.5	13.1	83.7
suppressor of cytokine signaling 3	SOCS3	72.7	509.5	500.0	1124.0	1239.5	3191.0	2833.9
Structural protein								
lamin A/C	LMNA	702.7	1098.9	1681.5	1011.8	532.9	724.4	471.1
Transcription factor								
tumor necrosis factor, alpha-induced protein 3	TNFAIP3	3589.2	1782.9	1505.0	11688.3	11302.8	12024.2	9953.7
Transport molecules								
vesicle-associated membrane protein 5 (myobrevin)	VAMP5	402.5	1066.9	990.8	579.2	1453.3	949.1	1635.8
phospholipid transfer protein	PLTP	1270.2	4235.2	12221.2	1343.1	1286.0	1272.2	2571.0
Other								
human immunodeficiency virus type I enhancer binding protein 2	HIVEP2	222.9	889.3	296.7	753.2	285.6	781.2	594.3
Heat Shock Protein 70B	HSP70B	464.0	984.5	880.3	363.2	279.2	476.9	518.8
interferon-induced protein with tetratricopeptide repeats 1	IFIT1	5079.5	2277.0	1372.9	13687.5	10755.2	13469.1	8227.0
KIAA0410 gene product	KIAA0410	299.9	691.6	680.6	354.9	369.8	810.1	374.6
KIAA0963 protein	KIAA0963	189.4	2174.6	1171.1	638.2	874.0	1313.7	976.7
Human L-myc protein gene	L-myc	179.3	25.4	114.0	52.6	17.7	62.5	6.7

[a] Genes modulated by IL-10 in DC after 2 and 8 h. For comparison, the signals after LPS and LPS + IL-10 are also shown. Green indicates an increased expression, and pink a decreased expression, compared to untreated cells. Only the modulations which fulfill the criteria presented in *Materials and Methods* are colored. Values represent the original signals of one experiment. All the genes shown are modulated in the same way in another independent experiment.