

Erratum

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Erratum to: **Diffusion-controlled DNA recognition by an unfolded, monomeric bZIP transcription factor** (FEBS 19923)

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In footnote ^b of Table 1 a conversion error occurred. The correct table and footnotes are given below.
The publisher apologises to authors and readers for this error.

Table 1
Sequence* of peptides derived from GCN4 and of the fluorescence-labeled double-stranded oligonucleotides CRE₁₉^F and AP-1₂₀^F

Abbreviation	basic region	leucine zipper	K _{app} (mol/L)
C62GCN4	MIVPESSDPAALKRARNTAAARRSRARKLQRMKQ	LEDKVEELLSKNYHLENEVARLKKLVGER	(2.2±2.9)×10 ⁻⁹ ^b
(CGCN4) ₂	(MIVPESSDPAALKRARNTAAARRSRARKLQRMKQ	LEDKVEELLSKNYHLENEVARLKKLVGERGSGC) ₂	(1.5±1.0)×10 ⁻⁹
AAGCN4	MIVPESSDPAALKRARNTAAARRSRARKLQRMKQ	LEDKVEELLSKNYHLENEAARAKLVGER	(3.9±7.3)×10 ⁻⁹ ^{b,c}
GCN4br	Ac-YPESSDPAALKRARNTAAARRSRARKLQRMKQ	GGC (StBu) G-NH ₂ ^a	(1.7±0.1)×10 ⁻⁶
(GCN4br) ₂	(Ac-YPESSDPAALKRARNTAAARRSRARKLQRMKQ	GGCG-NH ₂) ₂ ^a	(5.8±2.2)×10 ⁻⁸
control peptide	EYQALKKKVAQLKAKNQALKKKVAQLKHKG-NH ₂		no binding
CRE ₁₉ ^F ^d	5' -TGG ^{NBD} AG ATGACGTCAT CT...CC-3'		
	3' -CC...TCT ACTGCAGTAGA ^{NBD} GGT-5'		
AP-1 ₂₀ ^F ^d	5' -TTC ^{NBD} CT ATGACTCAT CC...AGTT-3'		
	3' -AG...GAT ACTGAGTAGG ^{NBD} TCAA-5'		

Apparent dissociation constant *K_{app}* of complexes of GCN4 derivatives with CRE₁₉^F obtained by fluorescence titration.
*Sequence differences to wild-type GCN4 are underlined. The C-terminal extensions were introduced to produce stable disulfide-linked dimers. The alanine substitutions in AAGCN4 destabilize the leucine zipper by about 8 kJ/mol.
^aAc, *N*^α-acetyl; StBu, thio-*tert*-butyl protection group.
^bThe large error of *K_{app}* shows that the experimental data are not adequately described by the simple binding model used for data analysis (Section 2) because it does not account for the complex between monomeric peptide and DNA (equilibrium 3 in Fig. 1).
^cDissociation constant for binding to AP-1₂₀^F.
^dThe CRE and AP-1 sites are in bold. NBD indicates a phosphorothioate-linked (7-nitrobenzo-2-oxa-1,3-diazol-4-yl) group.