

Errata

MOLECULAR CELL BIOLOGY, FOURTH EDITION, FIRST PRINTING

Harvey Lodish, Arnold Berk, S. Lawrence Zipursky,
Paul Matsudaira, David Baltimore, James Darnell

W. H. Freeman and Company and our family of authors are committed to the highest quality and accuracy in all our works. To this end, the following list is posted and will be continually updated on this web site. The errata noted below have been corrected in the second printing of the book, June 2000. New copies of the text purchased after June 2000 will be free of these errors. If you find additional errors, please send them to Rachel Warren at rwarren@whfreeman.com. Your comments are much appreciated.

Text Page	Location	Correction
12	First line under first heading	3 trillion cells should be 100 trillion cells.
19	C=O bonds	$O^{\delta-}=C^{\delta+}=O^{\delta-}$
48	Key Concept Question 6	10mm should be 10 μ m
67	Third line of text	ubiquitinylated should read ubiquitinated
67	Second line of first whole paragraph	Should read 'a protein must contain a structure that is recognized by a uniuquitinating enzyme complex.'
67	Ninth line of first whole paragraph	Delete 'conjugating'
68	Last bullet of Summary	Delete 'or N- terminal residues'
72	Seventh line of text	M g ²¹ should read Mg ²⁺
74	Equation at top of second column	K _{eq} should read K _d
74	First line under equation in second column	Should read 'where K _d is the dissociation constant for building S to E.'
85	Ninth line under first heading	1.37 g/L should read 1.37 g/cm ³
118	Table 4-2, CUG	CUG Leu should read Leu (Met)
118	Table 4-2, caption second line	'CUG for arginine' should read 'CUG for leucine'
129	Figure 4-35 caption, fourth line	tRNA _i ^{Met} should read tRNA ^{Met}
130	Fifteenth line under heading	'eIF2B subunit bound to GDP' should read 'eIF2 bound to GDP'
141	Equation in first column	$D = \frac{0.61 \times 450\text{nm}}{1.5 \times 0.94} = 194 \text{ nm}$
239	Third line under second heading	97-kb should be 97-Mb
240	Second line under second heading	'Edward Southern' should be 'Edwin Southern'
409	Twelfth line on first paragraph	Should read 'may suppress termination, similarly to λ -phage N protein, until the...
418	Fifth line of first paragraph	'Some splicing factors also exhibit...'
560-562	Throughout	Krüppel should be Krüppel
763	Second line of text	Delete 'both filament ends elongate at the slower rate characteristic of the (-) end. In this situation,'

766	Table 18-2, first row (Cofilin)	Under Activity, delete 'capping [(+) end]'
770	Fifth line, second column	Delete 'Myosin I also is associated with the Golgi membrane, suggesting that it may transport Golgi vesicles along actin filaments in the cell.'
940	Table 21-1, under Ligand	5HT3 should be 5HT ₃
G-2	Capsid	The outer proteinaceous coat of a virus, formed by multiple copies of one or more protein subunits and enclosing the viral nucleic acid.
I-17	Krüppel gene	should be Krüppel