

# Erratum

FEBS 22442

Erratum to: Plant cell growth and differentiation may involve GAP regulation of Rac activity (FEBS 22204)

[FEBS Letters 453 (1999) 341–345]<sup>1</sup>Søren Borg<sup>2</sup>, Lone Pødenphant, Trine Juul Jensen<sup>3</sup>, Carsten Poulsen\*

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In the original publication of this article, the top and right hand edges of Fig. 1 were missing. It is reprinted in full below. The publisher apologizes to authors and readers.

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LjRacGAP1 1 MTEVLQLPSPSRRCSNDGSHQTALINNSSSVEEGVLQLQTHLDLVEEDEE 50

LjRacGAP1 51 EEKEKDREGDQLSLLTLLIATLRKSLIGSCSTSPRDGALSSSSMEIGWPF 100

LjRacGAP1 101 SNVRHVAVHTFDRFHGFLGLPVE...FEPEVPRRPPSASTSVFGVSTESM 147
BCR LSVKFNSREFSLKRMPSRKQTGVGVKIA
bem3 PHVSTAI GSSLE
yau9-schpo LSPSST.TSAEP.LQKHIVRKS.GIGLPLN
3BP-1 PLTTAAP SRVYG

LjRacGAP1 148 QLSFD.....ARGNSVETILLMQRHLYARGGQAEGIRINAENSQEE 191
BCR VVTK.....RERSKVPIYVRCVVEE.IERRGMEVPIYVRCVATDIO
bem3 TCLRLSSHKY.QNVYDLPSVYRCLEYLYKNRGIQEGIRLGSSTVIK
yau9-schpo EA.VNISTQF..NDSGLEPIVYRCIEYLESCRAEKEGIRLGSASTIK
3BP-1 VSLRTHLQ.DLGRDIALPIEACVLL..LSEGMQE EGIRLGAAGASTLK
p85A VAPPLLIKLVAEAEKKGLECSTLYRTQSSSNPAE
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LjRacGAP1 192 LVREQLNR.....GV.....VPNG...VDVHCLAGLIRAWFRLEPTGIL 227
BCR ATKAAFDVNNKDVSV.....MMSE...MDVNATAGTLKLYRLEPEPFF
bem3 TQDER GVNIVSCLLKLRLKLEPHLF
yau9-schpo HKEQFNE.....GVYDILLS.SDEE..FDVHVIAGLLKLYLRNLEPTNL
3BP-1 RKQTMAS.....DP...HSLEEFCSGPHAVAGALKSYLRLEPEPM
p85A L.RQLDC.....DT...ASLDLEMFVHVLAADF RYLLDLENPVI
* ****

LjRacGAP1 227 .DP.....LSPEEVM.....QSQSEE..CDQLVR..LPP...TEAALL 259
BCR TDE.....FYPNFAEGIALSDPVAKES.CMLNLL..L...SLPEANLL
bem3 GDE.....QFLSFLSFKRVVDENHNHNPVQISLGFKEIESGLVPHANL
yau9-schpo .DTSMHKLFE LLPNVFN.....DSAALGSLCD..VISK...PPENFALL
3BP-1 .TSDLYDDW.MRAASLK.....EPGARLALHDVCSRI...PQENFNLL
p85A .PV.....AVSSELISLAP.EVQSSEY.IQLLKKL...RSPSIPHQ

LjRacGAP1 260 DWAI..NLMAQMEH...FNKMNAENTAMVAP..NMTHMAD.PLTL 301
BCR TFFLLDHEKRAEKEA...VNKMNSLNLATVCPPLRSEKESKL
bem3 .SLMYALF.VRINENSK...FNKMNLNLCLVSPPLNIESMLQPF
yau9-schpo DSL..HHERRITAEK...VNKMNLNLCLVSPPLNIESDIFMML
3BP-1 RYLM..KFPALLAEQD...VNKMNLNLCLVSPPLNIESDIFMML
p85A YWFLQYLLKHFRLSQTSSKLLNAVLSELSPLFRF...PA
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LjRacGAP1 302 MYAVQVMNFKLTLVVKTLRVREESIVKSNFVFNLSFDDDDGHQSDSQVLP 351

LjRacGAP1 352 KDGSENGNDSCDEDTVFVSAEPSQPSPTHHTEDGCETESGSETSPTPAEN 401

LjRacGAP1 402 FLSSGSRLLIDSCPCNVVSQLCSFAIGLQDSSIATGQAKISRSKSLQMST 451

LjRacGAP1 452 SDIDKSFKNVIEFPVVGPAEKNRGTAIIGRINSRTELTEAWR 493

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Fig. 1. The LjRacGAP1 amino acid sequence. The putative GAP domain is compared to five GAP domain sequences known from mammalian and fungal cells. Human BCR, AC: P11274, residues 1029–1221; yeast bem3, AC: P32873, residues 898–964 and 994–1099, *Schizosaccharomyces pombe* yau9, AC: Q10164, residues 1041–1238; mouse 3BP-1, AC: P55194, residues 183–362, and bovine PI3'K p85α, AC: P23727, residues 127–276. Points correspond to gaps that are introduced to maximize homology. Asterisks under the sequences designate core motifs of three GAP subdomains. The three LjRacGAPs sequences have been deposited at GenBank under accession numbers AF064787, AF064788 and AF064789.

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