Corrigendum: An engineered multidomain bactericidal peptide as a model for targeted antibiotics against specific bacteria

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On page 1481, two symbols in the key for Figure 2h were reversed; the solid circle should refer to PEN, and the solid triangle to PMC.

Addendum: Correction of multi-gene deficiency *in vivo* using a single 'selfcleaving' 2A peptide–based retroviral vector

Andrea L Szymczak, Creg J Workman, Yao Wang, Kate M Vignali, Smaroula Dilioglou, Elio F Vanin & Dario A A Vignali Nat. Biotechnol. **22**, 589–594 (2004)

The original **Supplementary Figure 1** has been replaced with a new figure that clarifies the cloning strategy of the vectors depicted in that figure, in particular the primer sets 3' and 5'.

Supplementary Figure 1

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Eco RI CD38 1 5' CGC CCA GAA ITTCI GCC AGG ATG GAA CAC AGC GGG ATT CTG GCT AG 3'

- 2 5' CCG CGC [CTC]GAG TCA CTT CTT CCT CAG TTG GTT TCC TTG GAG] 3
- 3a 5' [G AAC TGG CCC CGG AAC AAG JAAA TCT [AGA ITCT] GAG GGC AGA GGA AGT CTT CTA ACA TGC GGT GAC GTG] T2A CD3Y [CAG GA DAT CCC GGC CTT] ATG GAG CAG AGG AGG GT CTG GT] 1'
- CD3y
 T2A

 3b
 5' IGC CAR ACC CTT CCT CTG CTC CAT IAGG GCC GGG ATT CTC CTC CAC GTC ACC GCA TGT TAG AAG ACT TCC TCT GCC CTC]

 Bg|||
 CD38

 AGRITETIAGA TT CTT GTT CTC GGC GGC GCA GTT C]3'
- 4 5' GCG TCC [GAG]|TCA GAC TGC TCT CTG ATT CAG GCC AGA ATA C]3'
- 5a 5' [G AAC TGG CCC CGG AAC AAA FCC [GGA] CGG GTG AAA CAG ACT TTG AAT TTT GAC CTT CTC AAG TTG GCG] F2A Apal CD3y [GGA GAC GTG GAA CCC AAC CCA GGG [CCC]ATG GAG CAG AGG GGT CTG GC] '
- CD3γ
 Apal
 F2A

 5b
 5' GC CAG ACC CTT CCT CTC CAT GGGICCC[TGG GTT GGA CTC CAC GTC TCC CGC CAA CTT GAG AAG GTC AAA]
 F2A

 BspEl
 CD3δ

 Art caa ber creater cac cgG incligatitit ctt gtt ccg ggg cca gtt cla'
- T2A 62 5' Gag ggc aga gga agt ctg cta aca tgc ggt gac gtc gag gag aat cct ggc cca atg cgg tgg aac act ttc tgg ggc]3
- T2A BgIII CD3 γ 5' Tgg gcc agg att ctc ctc gac gtc acc gca tgt tag cag act tcc tct gcc ctc laga itct ctt ctt cct cag ttg gtt tcc ttg gag b'
- 7 5' GCG TCG [CTC [GAG] TTA GCG AGG GGC CAG GGT CTG]3-
- E2A 8a 5' Cam tgt act arc tac get tig tig tig ara cic get get get get gat git gam arc arc coc get cct $CD3\zeta$ bits are tig and tig tits cic get tig get til get til gam.
- BamHi
 E2A
 BamHi

 8b
 5' lage <u>acc geg git acc acc acc geg git tit can can da acc git git act act acc tit gega locel</u>
 CD3e

 CD3e

 [Gac tec tet cit can cac gcc aca ata cl3'
- ECORI TCR Voc3.2 9 5' GCG CCA GAA ITCLACC ATG CTC CTG GCG CTC CTC CC13
- Xhol
 TCR Cβ

 10
 5' GCG TCG [GTC[GAG] TCA GGA ATT TTT TCT CTT GAC CAT GGC]5'
- F2A
 Apal

 11a
 5' [CCC GTG ANA CAG ACT TTG ANT TTT GAC CTT CTC ANG TTG GCG GGA GAC GTG GAG TCC ANC CCA [GGG [CCC]]

 3A9 TCFRβ

 INTO TCT ANG ACT GCC TTC GCC GAC CCC]3'
- 11b
 5' FGG GTT GGA CTC CAC GTC TCC CGC CAA CTT GAG AAG GTC AAA ATT CAA AGT CTG TTT CAC CGG FCC [GGA]
 3A9 TCR a

 GGA CAC ACG CCT CAC GTC TAT GAG [3'

Details of cloning strategy and primers used to generate 2A peptide-linked TOR:CD3 vectors. Constructs were produced by recombinant PCR. (a) The position and direction of primers used is shown. (b) The oligonucleotide sequences used for primary and secondary PCR reactions of each possibility of recombination between the similar 2A sequences, silent substitutions were introduced as indicated (underlined). The constructs were cloned into a murine stem cell virus (MSCV)-based retroviral vector that contains and internal ribosomalentrysite (IRES) and green, yellowor cyan fluorescentprotein (GPF, YFP or CFP, respective). Due to internal restriction enzyme sites, CD3 2 A-linked fragments were ligated in with blunt ends.

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b