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CORRECTION

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Correction: Identification of one critical amino acid that determines a conformational neutralizing epitope in the capsid protein of porcine circovirus type 2

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Following publication of the original article [1], the authors identified errors in Figs. 2 and 3a, and 5. The correct figures are given below. The authors apologize for any inconvenience. This correction does not affect the results or the conclusion of this work.

The online version of the original article can be found at https://doi.org/10.1186/1471-2180-11-188.

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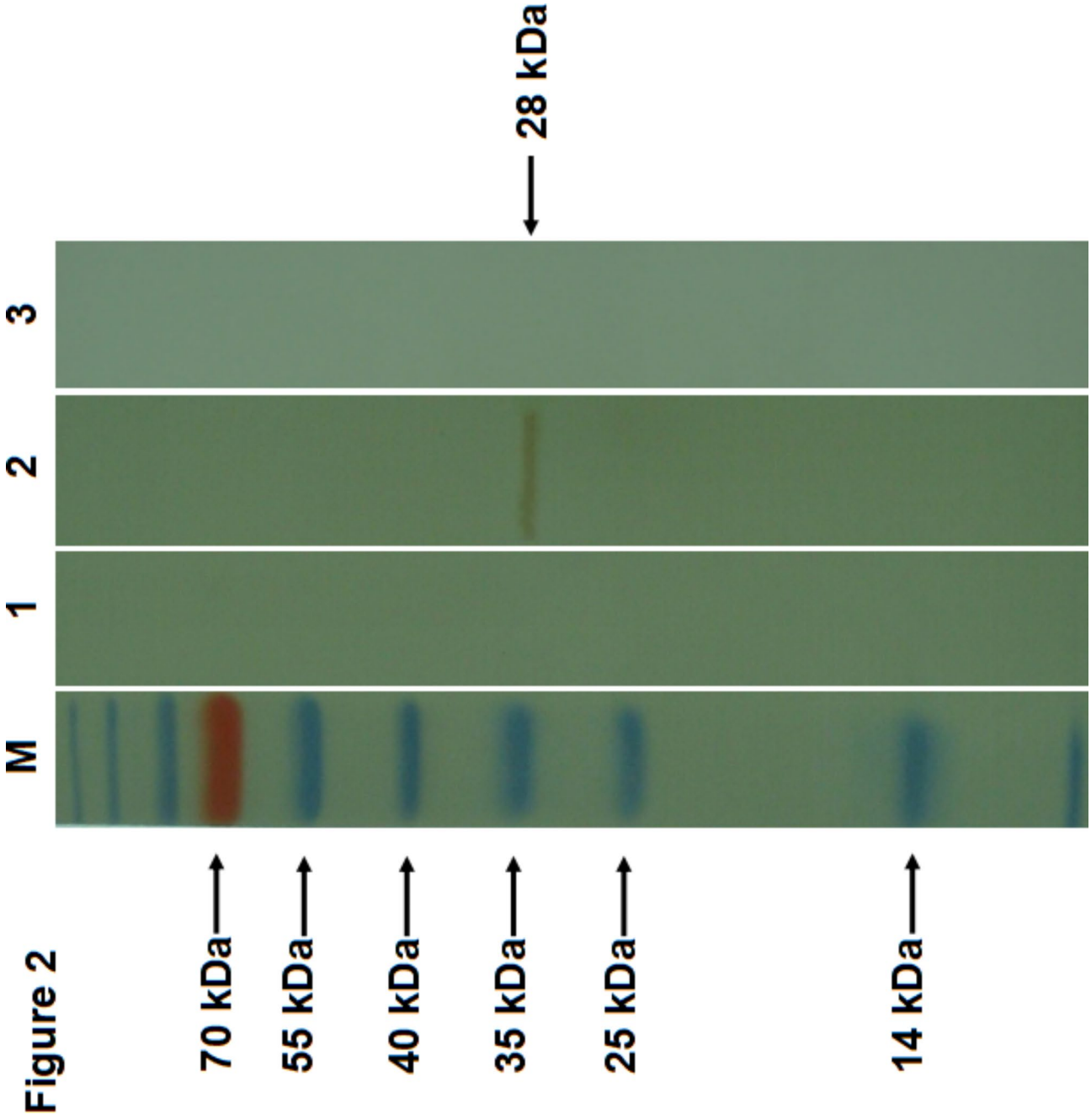

Fig. 2 Analysis of immunoreactivity of mAb by western blot analysis. Purified virions of the PCV2a/LG strain were separated by SDS-PAGE, transferred to nitrocellulose membranes, and incubated with mAb. Lane M: protein molecular weight markers; lane 1: mAb 8E4; lane 2: mAb 6F10 as a positive control; lane 3: SP2/0 supernatant as a negative control

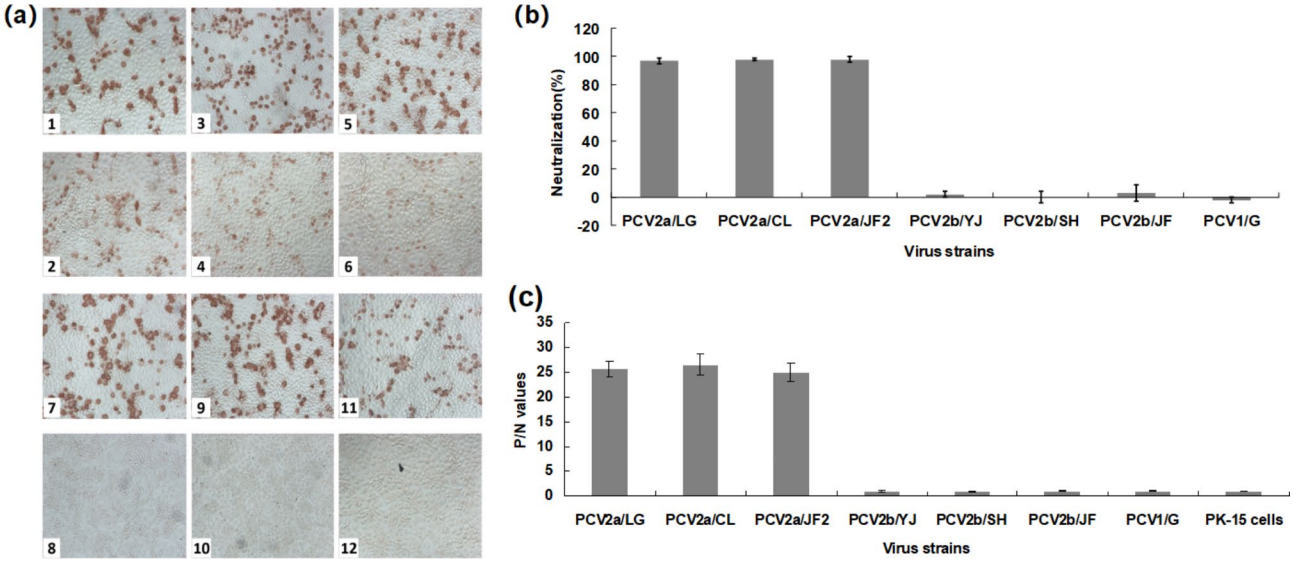

Fig. 3 Reactivity of six PCV2 isolates with mAb 8E4 by the IPMA, serum neutralization assay and capture ELISA. (**a**) IPMA reactivity of PK-15 cells inoculated with PCV2a/LG (1 and 2), PCV2a/CL (3 and 4), PCV2a/JF2 (5 and 6), PCV2b/YJ (7 and 8), PCV2b/SH (9 and 10) and PCV2b/JF (11 and 12), against PCV2-positive serum and mAb 8E4. Odd numbers represent PCV2-positive serum, whereas even numbers show mAb 8E4. (**b**) The neutralizing activity of mAb 8E4 was expressed as the percentage reduction in the number of infected cells in comparison with negative control. A mean neutralizing activity of > 50% was considered to represent neutralization. Error bars represent the standard deviations. (**c**) For the capture ELISA, cultures of six PCV2 isolates, recPCV1/G and PK-15 cells were tested with HRP-conjugated 8E4. P/N > 2.1 was regarded as a positive result. Error bars represent the standard deviations

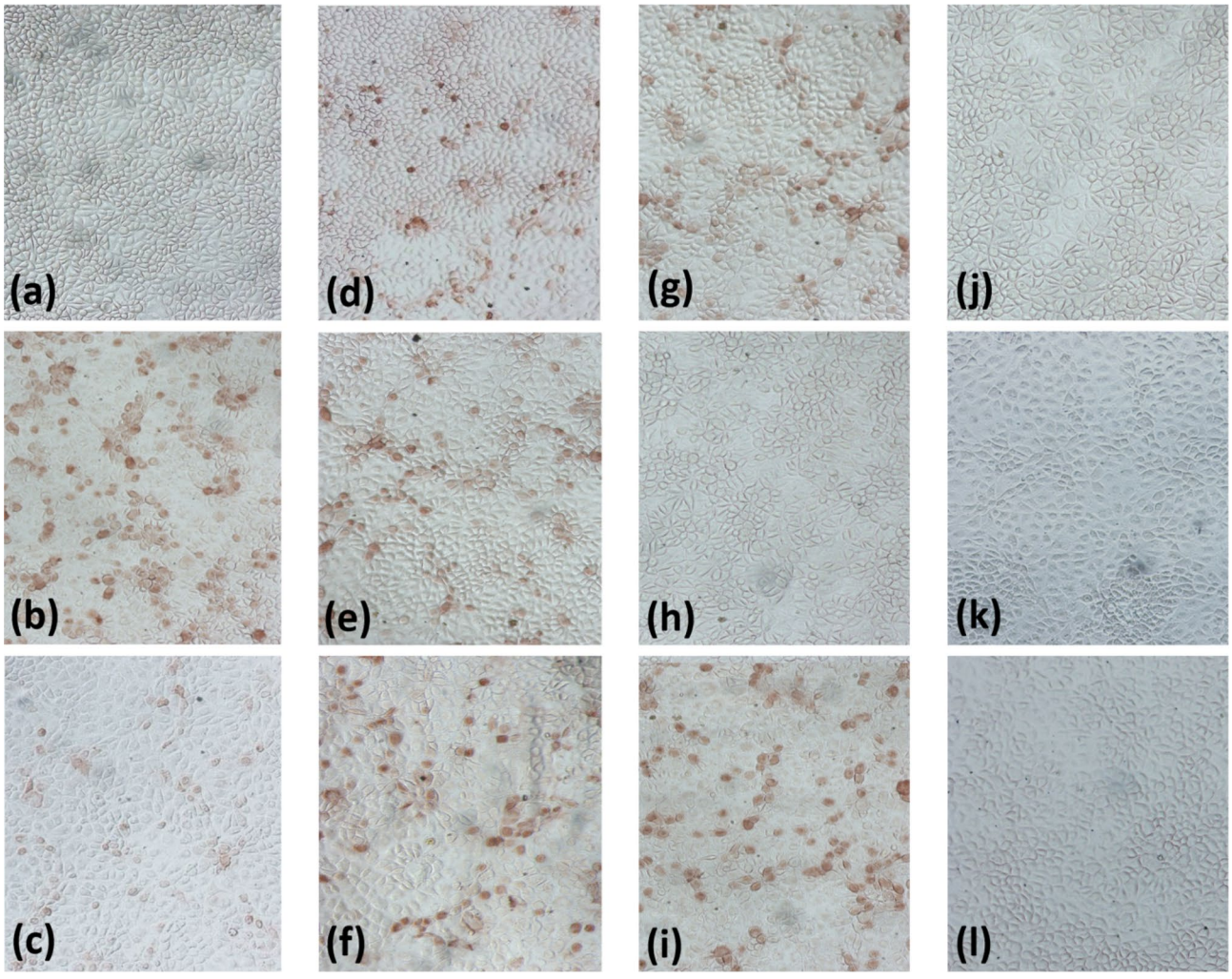

Fig. 5 IPMA reactivity between mAb 8E4 and each chimera or mutant. (**a**) rCL-YJ-1; (**b**) rCL-YJ-2; (**c**) rCL-YJ-3; (**d**) rCL-YJ-4; (**e**) rCL-YJ-5; (**f**) rCL-YJ-1-51; (**g**) rCL-YJ-1-57; (**h**) rCL-YJ-1-59; (**i**) rCL-YJ-1-63; (**j**) rLG-YJ-1-59; (**k**) rJF2-YJ-1-59; (**l**) rYJ-CL-1-59

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References

1. Huang LP, Lu YH, Wei YW, et al. Identification of one critical amino acid that determines a conformational neutralizing epitope in the capsid protein of porcine circovirus type 2. BMC Microbiol. 2011;11:188. https://doi.org/10.1186/1471-2180-11-188.

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