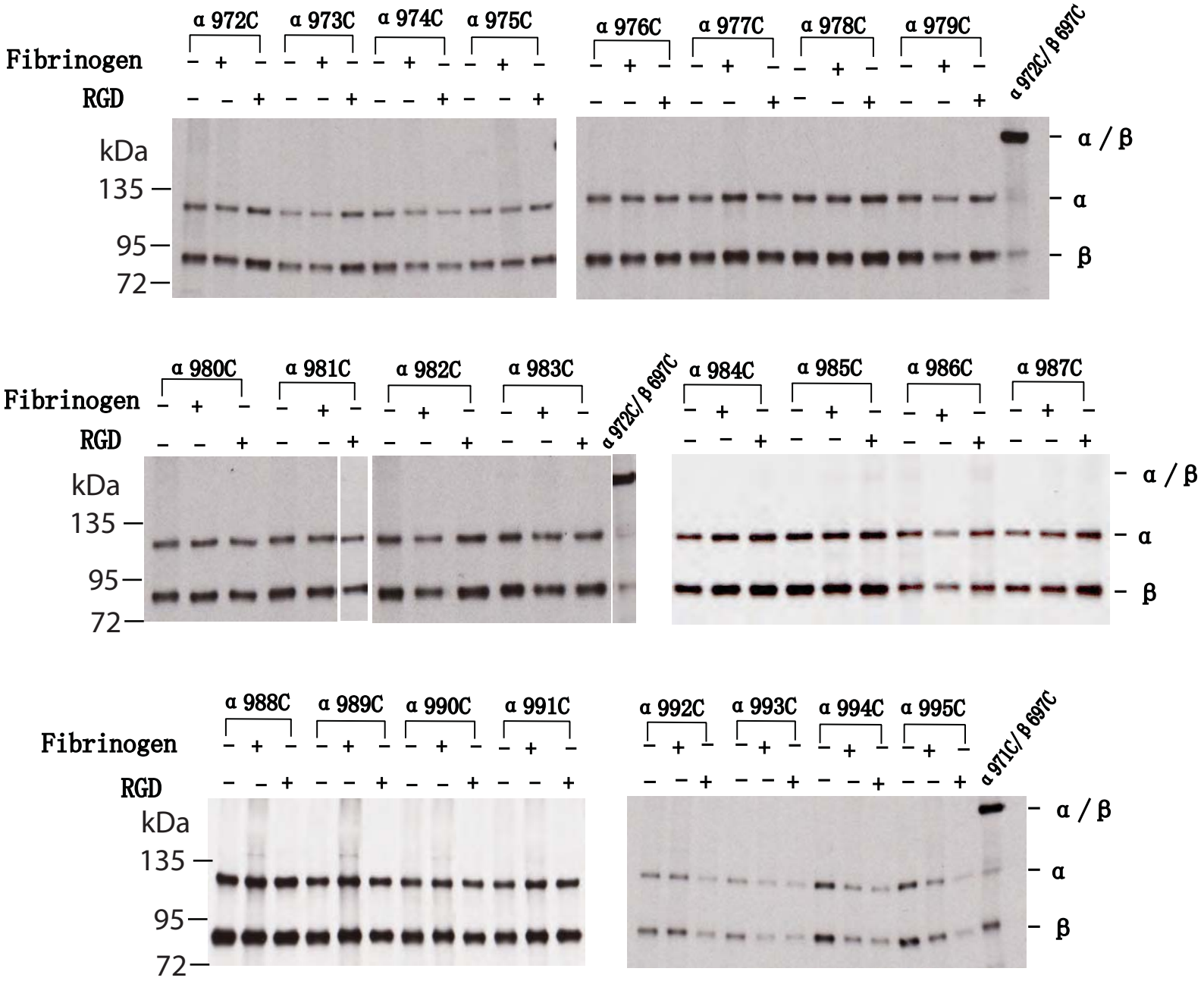
SUPPLEMENTAL FIGURE LEGENDS

Supplemental Figure 1. Integrin αIIb TM domain does not form homo-oligomers before and after soluble ligand binding. Samples were processed as in Fig.1 and subjected to non-reducing 7.5 % SDS-PAGE and fluorography. In addition to Figure 1, none of the other cysteine mutants of the αIIb TM regions formed homomeric disulfide bonds before or after soluble ligand binding.

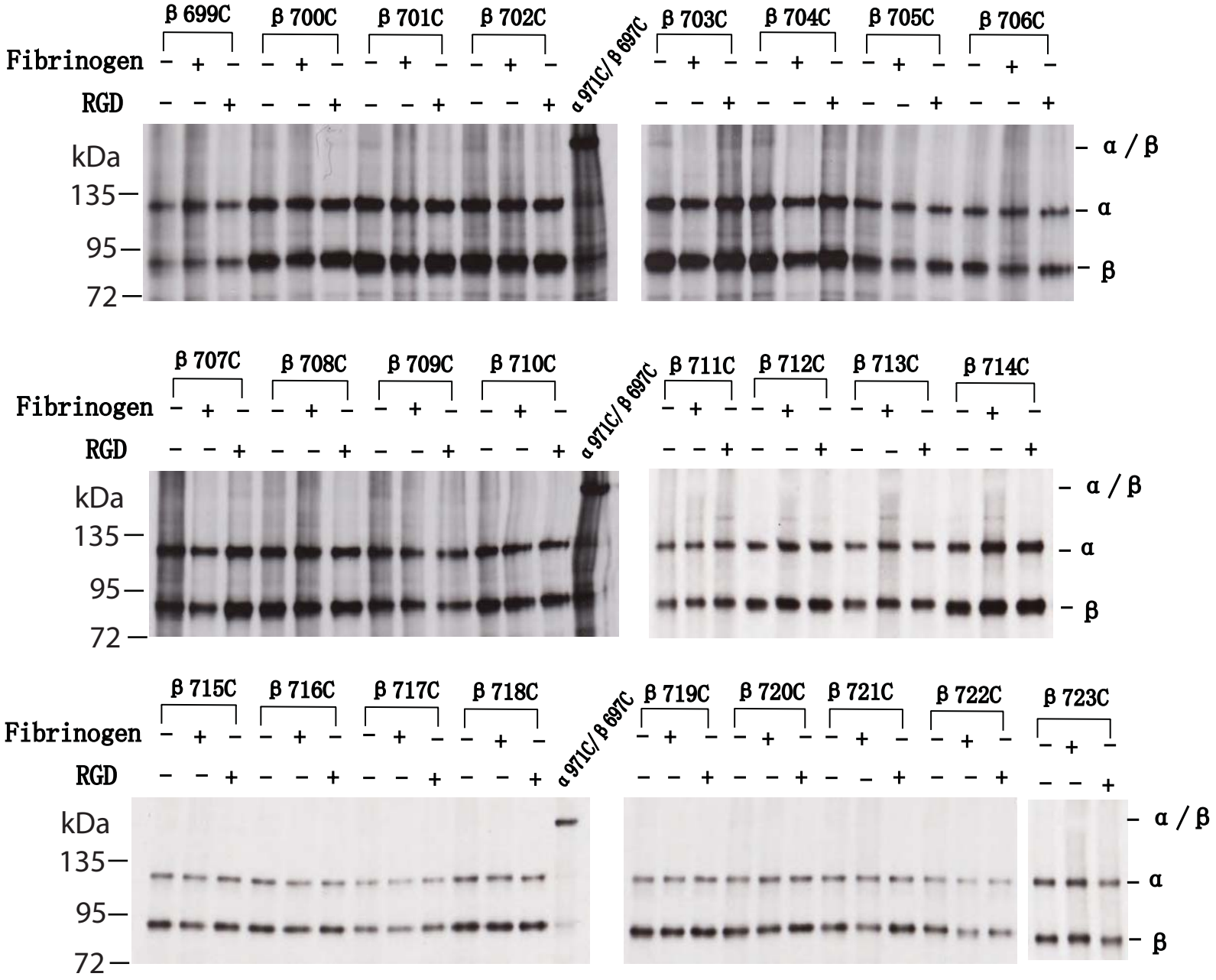
Supplemental Figure 2. Integrin β3 TM domain does not form homo-oligomers before and after soluble ligand binding. Samples were processed as in Fig.1 and subjected to non-reducing 7.5 % SDS-PAGE and fluorography. In addition to Figure 1, none of the other cysteine mutants of the β3 TM regions formed homomeric disulfide bonds before or after soluble ligand binding.

Supplemental Figure 3. Integrin TM domains do not form homo-oligomers during inside-out activation. Samples were processed as in Fig.1 and subjected to non-reducing 7.5 % SDS-PAGE and fluorography. In addition to Figure 3, none of the other cysteine mutations of β3 TM regions formed homomeric disulfide bonds when they were co-transfected with the αIIb GAAKR mutant.

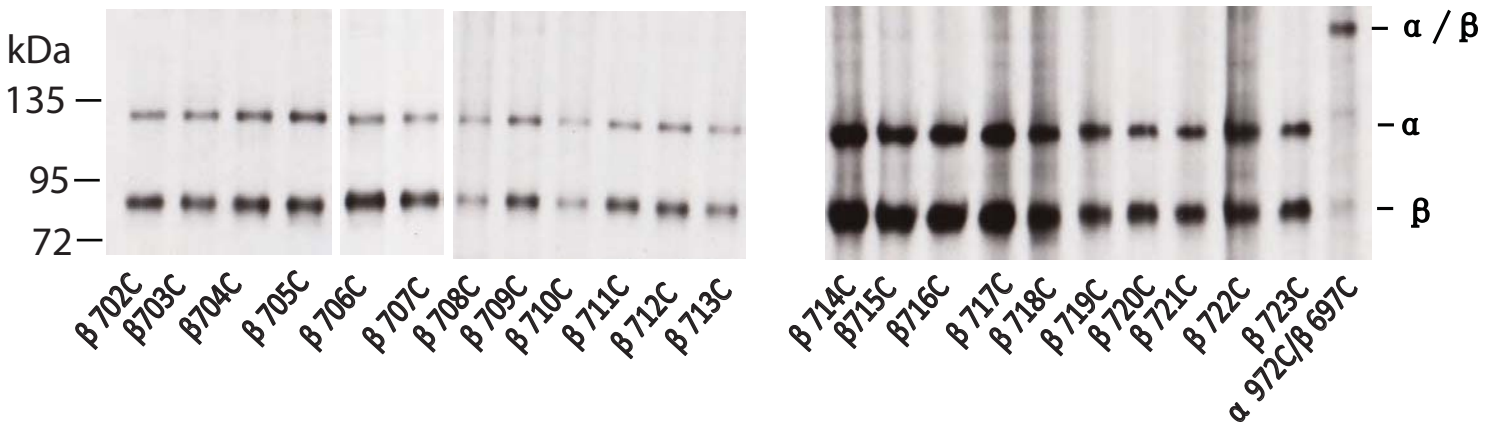
Supplemental Figure 4. Integrin TM domains do not form homo-oligomers after binding to the immobilized fibrinogen. Samples were processed as in Fig.1 and subjected to non-reducing 7.5 % SDS-PAGE and fluorography. In addition to Figure 6, none of the other αIIb or β3 cysteine mutants formed a homomeric disulfide bond after adhering to the immobilized fibrinogen



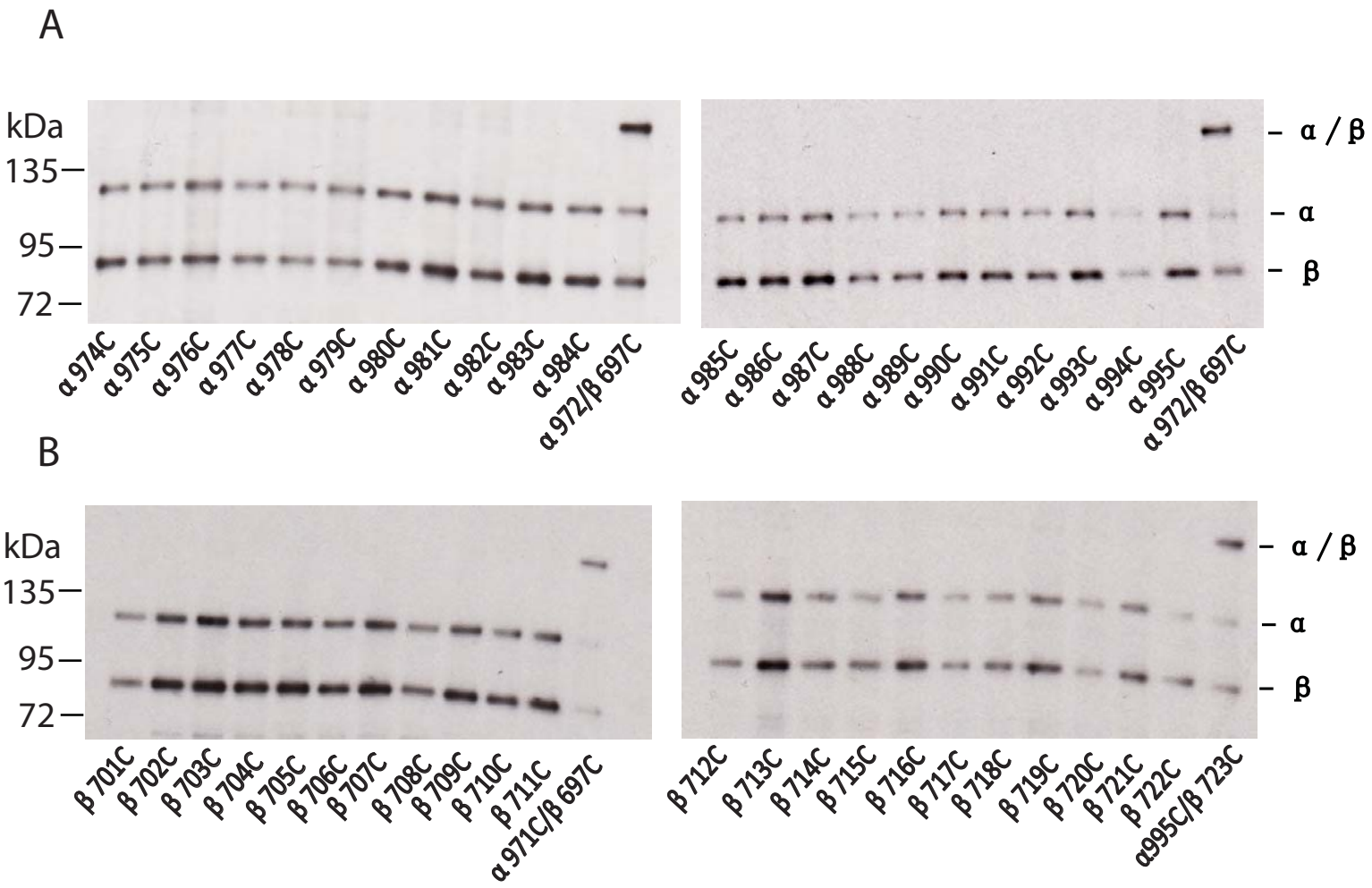
Supplemental Figure 1



Supplemental Figure 2



Supplemental Figure 3



Supplemental Figure 4