



### Supplementary figure 1.

**Supplementary figure 1. Validation of LR-PCA for detection specificity.** N2A cells were transiently transfected with indicated constructs; luminescence signal was measured 48 h post-transfection in live cells. Little or no luminescence is detected when one or both co-expressed plasmids were GLuc1/2 expressing the indicated GLuc fragment alone. The values are bioluminescence signals recorded from expressed pairs of reporter constructs. The panels **A -D** show the results of four individual experiments. The panel **A** was used as the representative experiment in Figure 1C.