

Table S1. Primer sequences

| | Forward | Reverse |
|--------------------|-------------------------------------|-------------------------------------|
| Her-2 ECD domain 1 | AATGTCGACATGGAGCTGGCGG CCTTGTG | AATCTCGAGACAGGGGTGGCAG GCCCCGAGA |
| Her-2 ECD domain 2 | AATGTCGACTCTCCGATGTGTAA GGGCTCCC | AATCTCGAGTTGGTTGTGCAGGG GGCAGAC |
| Her-2 ECD domain 3 | AATGTCGACGAGGTGACAGCAG AGGATGGA | AATCTCGAGGTTCCGAAAGAGC TGGTCCCA |
| Her-2 ECD domain 4 | AATGTCGACCCGCACCAAGCTC TGCTCCAC | AATCTCGAGCGTCAGAGGGCTG GCTCTCT |
| OVA | AGGTCGACAGCATGTTGGTGCT GTTGC | GACTCGAGAGGGGAAACACATC TGCCA |