**Table S1. Plasmids.**

|  |  |
| --- | --- |
| **Construct** | **Source** |
| *ErbB2* shRNA; NM\_001003817.1, XM\_109715.3-689  | Washington University Genome Institute, St. Louis MO  |
| pLKO.1  | Sigma, St. Louis MO |
| MSCV.ErbB2V659E | Martine Roussel, St. Jude Children's Research Hospital, Memphis TN |
| MSCV.NF2 (L64P) | Houshmandi et al., 2009 |
| MSCV.NF2 (WT) | Houshmandi et al., 2009 |
| MSCV.Rac1N17 | Banerjee et al., 2010 |