Göbl, Morris & Van Dam et al. Fig S2

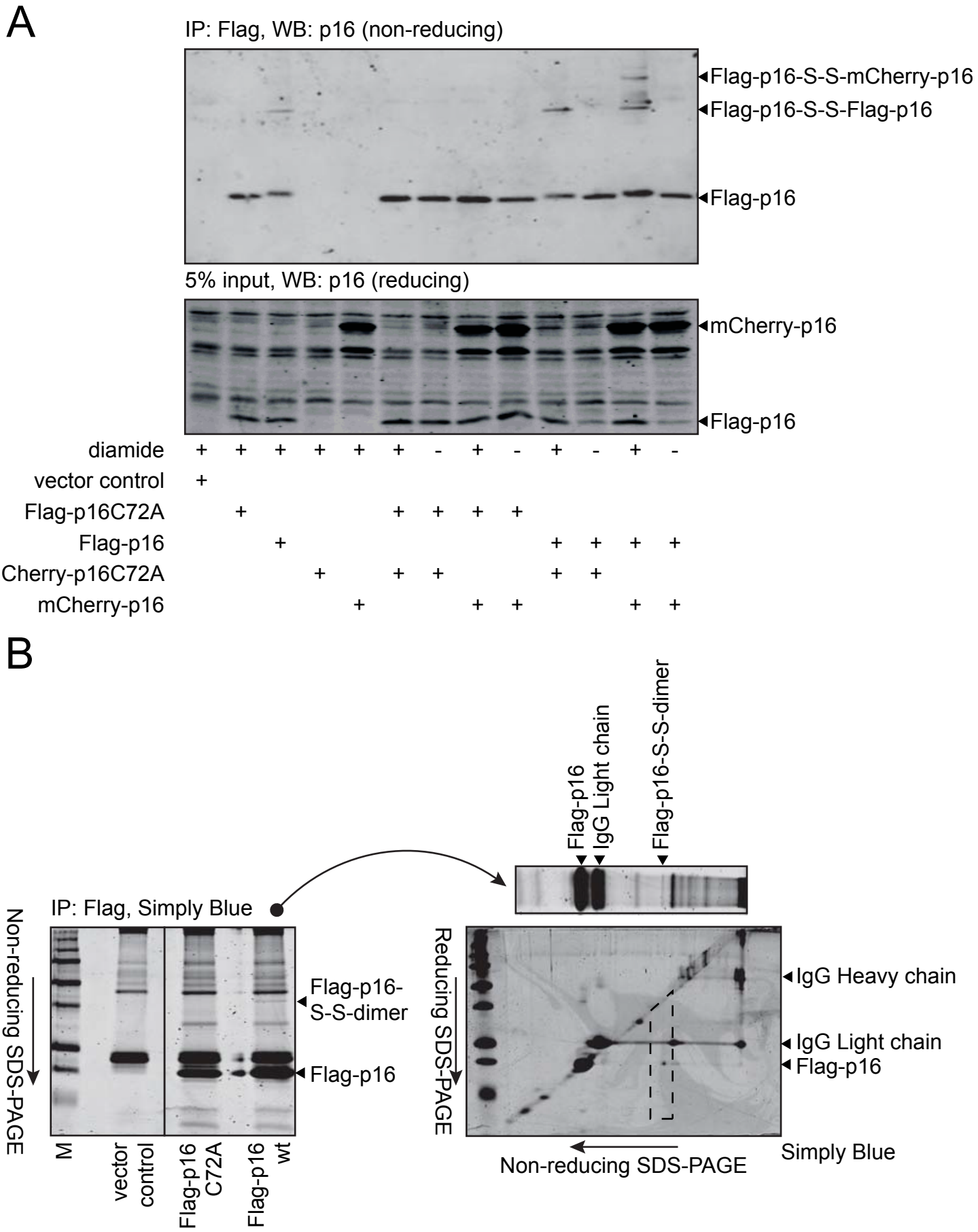

Figure S2. SDS-PAGE analysis of p16^{INK4A}

(A) mCherry-p16^{INK4A} co-immunoprecipitates with FLAG-p16^{INK4A} in a disulfide-dependent manner. Dimers consisting of both two FLAG-p16^{INK4A} molecules or one FLAG-p16^{INK4A} and one mCherry-p16^{INK4A} molecule can be detected. **(B)** Diagonal electrophoresis (non-reducing SDS-PAGE followed by reducing SDS-PAGE) shows that the high-molecular weight form of FLAG-p16^{INK4A} separates in a single dot under the diagonal, confirming that the disulfide-containing high-molecular weight species of p16^{INK4A} consists of only p16^{INK4A} protein. Collectively, and because p16^{INK4A} has only one cysteine, these data must mean that the slow-migrating species of p16^{INK4A} detected under non-reducing conditions are indeed p16^{INK4A} homo-dimers. The experiments shown are typical results of at least two independent experiments.