

# Key Restriction Sites Used to Clone Left and Right Homology Arms (HA) for Endogenous N-Terminal TAP Tagging

To clone Left HA (HA-L)

To clone Right HA (HA-R)

NdeI

NcoI

BstBI

EcoRI



AAVS1\_Puro\_PGK1\_3xFLAG\_Twin\_Strep

**Step 1:** Cut AAVS1\_Puro\_PGK1\_3xFLAG\_Twin\_Strep (Plasmid #68375) with NdeI and NcoI and clone left HA (Note, this removes 1 of 2 EcoRI sites)

- See Figures S4 and S5 to design the junction between HA-L and the tag (e.g. if you wish to insert a Kosak sequence upstream of the tag)

**Step 2:** Cut vector from Step 1 with BstBI and EcoRI and clone right HA

- See Figures S4 and S5 to design the junction between the Tag and HA-R (e.g. if you wish to insert a linker between the tag and the coding sequence)

# Key Restriction Sites Used to Clone Left and Right Homology Arms (HA) for Endogenous C-Terminal TAP Tagging

To clone Left HA (HA-L)

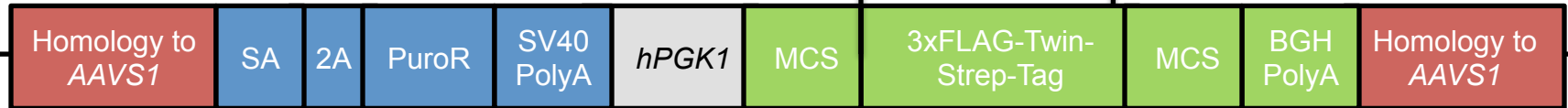
To clone Right HA (HA-R)

NdeI

NgoMIV

BstBI

EcoRI



AAVS1\_Puro\_PGK1\_3xFLAG\_Twin\_Strep

**Step 1:** Cut AAVS1\_Puro\_PGK1\_3xFLAG\_Twin\_Strep (Plasmid #68375) with NdeI and NgoMIV and clone left HA (Note, this removes 1 of 2 EcoRI sites)

- See Figure S2 to design the junction between HA-L and the tag (e.g. if you wish to insert a linker between the coding sequence and the tag)

**Step 2:** Cut vector from Step 1 with BstBI and EcoRI and clone right HA

- See Figure S2 to design the junction between the Tag and HA-R