

Supplementary Table 3. Plasmids used in this study

Plasmid ID number	Insert	Purpose
pYE702	mUBE3A-Iso3	Overexpression in mammalian cells
pYE789	mUBE3A-Iso2	Overexpression in mammalian cells
pYE1011	hUBE3A-Iso1	Overexpression in mammalian cells
pYE1096	hUBE3A-Iso3	Overexpression in mammalian cells
pYE1458	hUBE3A-Iso3 with Ancestral UBE3A 'MATAACK' extension	Overexpression in mammalian cells
pYE1459	hUBE3A-Iso3 with Cetartiodactyla UBE3A 'MATAACK' extension	Overexpression in mammalian cells
pYE1486	hUBE3A-Iso2	Overexpression in mammalian cells
pYE1579	HA-mUBE3a-Iso3	Overexpression in mammalian cells
pYE1625	h ^{ext3} mUBE3A-Iso2	Overexpression in mammalian cells
pYE1626	m ^{ext2} hUBE3A-Iso3	Overexpression in mammalian cells
pSB841	HA-hUBE3a-Iso1	Overexpression in mammalian cells
pSB842	HA-hUBE3a-Iso2	Overexpression in mammalian cells
pSB861	HA-hUBE3a-Iso3	Overexpression in mammalian cells