**dTAG system protocol**

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**1. design gRNA**

* (Find Excel file: 1.JARID2 Multi-omic/1.Expriments/dTAG/JARID2\_dTAG\_gRNA.xlsx)
* Design a gRNA for stop codon of your target genes (SOX9 has perfect gRNA, JARID2 only has an ok gRNA).
* Order the gRNA directly (not cDNA) from IDT. It could be very expensive ($177.60 for 20 bps).

A screenshot of a computer

Description automatically generated

2. Prepare cells

* 1 million cells per well in 6-well plate
* Paul has optimized the system in HT29, but not HT115