Challenge 2 Overview H1 mix = undisclosed mix of H1 and endodermal cel: human simulation Samples Human Human Human Human WTC11 H1 mix ndodermal cell H1+ SIRV4 SIRV4 SIRV4 SIRV4 mouse simulation sequencing Library prep dRNA CapTrap **cDNA** CapTrap cDNA ONT minION Illumina HiSeq PacBio SeqII Reads available through ENCODE DCC and Synapse in May 2021 H1 and endodermal cell data released October 1, 2021 Select Select Select **Participants** data category library prep sequencing platform select Long-only cDNA Illumina submission Short-only R2C2 ONT entry type Long and short CapTrap PacBio Challenge submission Freestyle dRNA H1 and endodermal cell analyzed after initial entry submission deadline Participant's analysis pipeline Must use identical pipeline used for H1 mix Participants upload Participants upload initial entry to Synapse by Oct 8, 2021 deadline final entry to Synapse after Oct 8, 2021 **LRGASP Entry** human simulation Final **LRGASP Entry** Human Human expression.tsv.gz H1 mix models.qtf.qz WTC11 Human SIRV4 SIRV4 H1 mouse simulation SIRV4 expression.tsv.gz expression.tsv.gz models.gtf.gz models.gtf.gz expression.tsv.qz expression.tsv.gz models.gtf.gz models.gtf.gz Human endodermal cell + SIRV4 expression.tsv.gz models.gtf.gz