

HUMAN NATURE: The Powers of Gene Editing

Name: _____

Screening Guide (Dir/Produced by Adam Bolt)

What arguments does the film make about the following people, ideas, organizations, and topics:

David Sanchez—

Gene Therapy: When did it begin? What is it conceptually? Why is it a RANDOM PROCESS?

Sister DNA Repair—FOOLING the cell's DNA

CRISPR— What is it? Why is it important? –

DNA SPACERS?—

Yoghurt bacteria and the survivors of the viral attack and resistance—

Jennifer Doudna Berkley (Biochemist), CRISPER immunity to viruses and the Cas9 Protein—

Types of diseases could you possibly cure with CRISPR?—

SYTHEGO RNA SYNTHESIS FACTORY—Paul and Michael Dabrowski, co-founders –

E~genesis and organ transplant revolution—

BRAVE NEW WORLD—engineering human heredity—

Antonio Regalado—MIT Review and Darwin Life, Ova Science, and the human Germ line—

Stephen Hsu – Genomic Prediction and Pre-implantation genomics—

Kelsey McClelland—Genetic Counselor—

Eugenics and gene editing

Committee on Human Gene Editing 2017 recommendations

George Church, Geneticist, Ageing reversal, and Woolly Mammoths—

Ryan Phelan REVIVE and RESTORE—coral reefs and climate change—

Sickle Cell and Malaria--