

## Delivery Snapshot — SORCS1\_KI\_v1

```
{
  "project_id": "SORCS1_KI_v1",
  "cell_line": "hiPSC clone 7",
  "passage_number": "P28",
  "delivery_goal": "RNP",
  "total_cells": 250000,
  "viability_percent": 92.0,
  "electroporation_device": "Neon Transfection System",
  "neon_tip_volume_ul": 10.0,
  "voltage_v": 1200,
  "pulse_width_ms": 30.0,
  "pulse_number": 1,
  "buffer_system": "Buffer R (Neon kit)",
  "buffer_notes": "Prepared fresh, kept on ice.",
  "rnp_components": [
    {
      "name": "Cas9 Nuclease",
      "component_type": "Cas9",
      "concentration": null,
      "concentration_units": null,
      "volume_ul": 5.0,
      "vendor": null,
      "lot_number": null
    },
    {
      "name": "sgRNA 1",
      "component_type": "sgRNA",
      "concentration": null,
      "concentration_units": null,
      "volume_ul": 5.0,
      "vendor": null,
      "lot_number": null
    },
    {
      "name": "ssODN HDR donor",
      "component_type": "ssODN",
      "concentration": null,
      "concentration_units": null,
      "volume_ul": 5.0,
      "vendor": null,
      "lot_number": null
    }
  ],
  "assembly_notes": "Assemble RNP in PBS + 1 mM MgCl2; incubate 10 min at room temperature.",
  "incubation_time_minutes": 10.0,
  "post_pulse_recovery_medium": "mTeSR + 10 uM ROCK inhibitor",
  "post_pulse_recovery_volume_ml": 0.5,
  "recovery_temperature_c": 37.0,
  "recovery_duration_minutes": 10.0,
  "plating_format": "24-well plate",
  "plating_density_cells_per_well": 100000,
  "additional_notes": "Deliver 1200 V / 30 ms / 1 pulse per protocol. Immediately transfer to recovery medium.",
  "author": "Narasimha Telugu",
  "timestamp_unix": 1761949976
}
```

# THE SINGULARITY OF CREATION

iPSCs, CRISPR, AND  
THE MYTH OF GANESHA

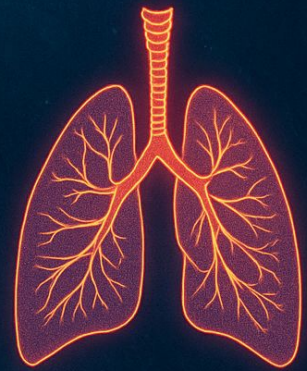
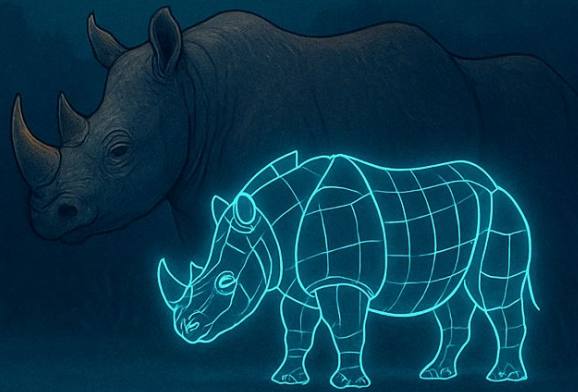


Image: 1761949976094\_WhatsApp\_Image\_2025-08-27\_at\_22.02.12\_67d38559.jpg