

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

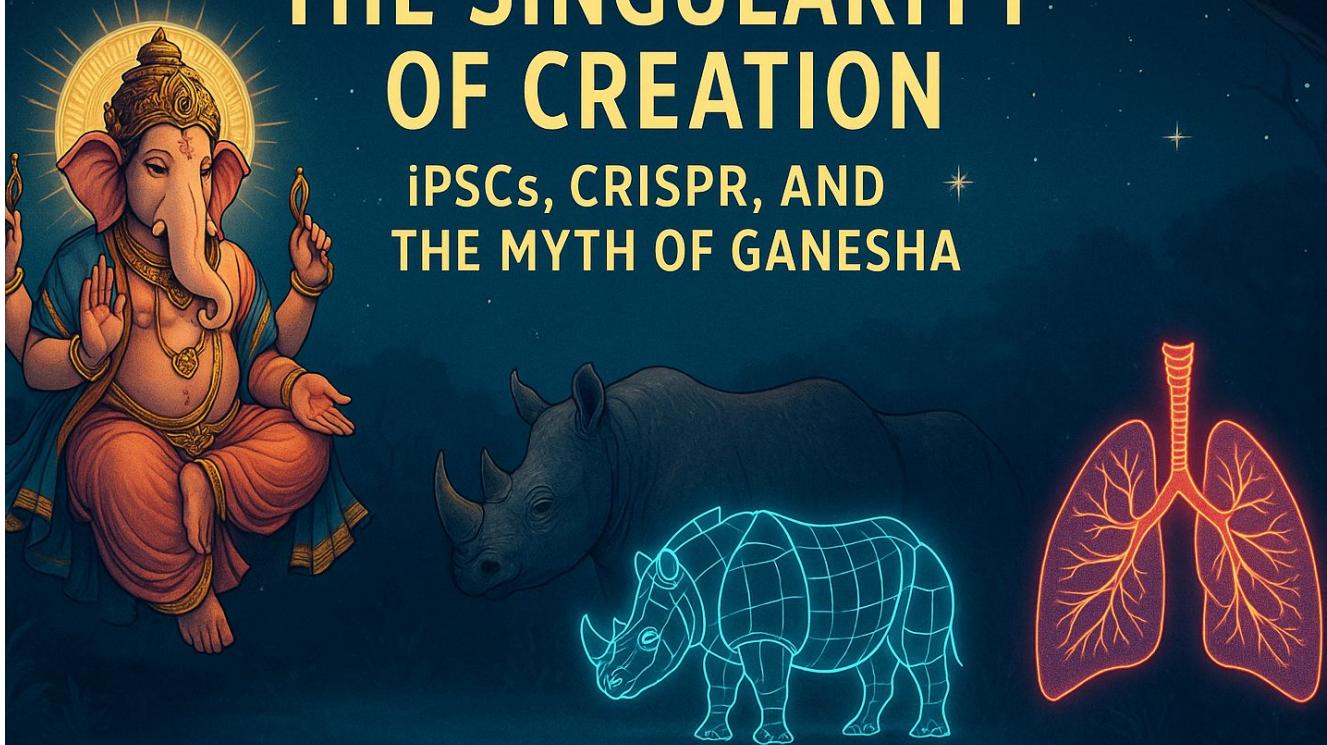


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