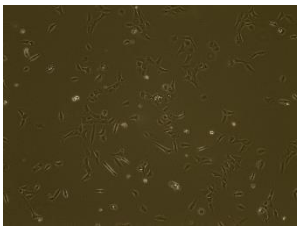
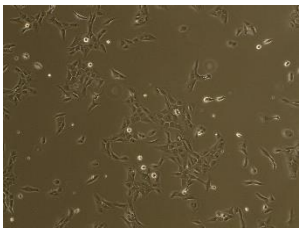
U2OS CRISPRn

Institut et hôpital neurologiques de Montréal
Montreal Neurological Institute and Hospital

Product Information		
Cell Line	U2OS-PDI-CRISPRn FH10a	
Parental	U2OS	
Product ID	U2OS PDI CRISPRn FH10a	
Product Batch	U2OSn-FH10a-190531	
Genotype	WT Doxycycline inducible Cas9	
Passage	P6	
Date of Production	2019-05-31	
Properties		
Volume	1 ml/vial	
Storage Conditions	Liquid Nitrogen	
Cell Number/Vial	$6.9x10^6$ cells/ml	
Viability	60%	
Quality Control		
Test	**Test Method**	**Pass/Fail**
Viability	Post thawing culture	Pass
Mycoplasma	MycoAlert™ Mycoplasma Detection Kit (Lonza)	Pass
Cell Line Characterization	Sanger Sequencing (DNA)	Pass
Morphology Images	10x objective 24h Post-Thaw 48h Post-Thaw  	
Growth Conditions		
Culture Media	Dulbecco's Modified Eagle's Medium (DMEM) supplemented with tetracycline free FBS 10%, L-glutamine 2mM, Penicillin-Streptomycin 100U/ml	
Passage Method	Trypsin	
Freezing Media	Tetracycline free FBS with 10% DMSO	
Recommended Subculture	Cells are cultured as a monolayer at 37°C in a humidified atmosphere with 5% CO_2. Cells should be passaged every 5-7 days. Split at 80-85% confluency, approximately 1:10-1:20.	
Cell Line Revival	Rapidly thaw cells in a 37°C water bath. Transfer contents into a tube containing 5 ml pre-warmed media. Centrifuge cells, remove supernatant wash cells with 10 ml PBS, centrifuge cells, remove PBS and seed into a 10 cm flask containing pre-warmed media.	