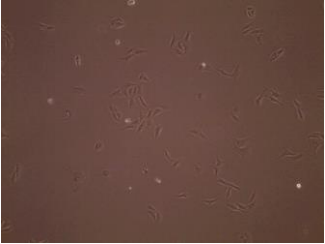
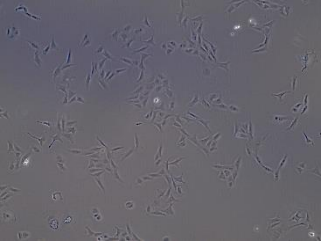


Product Information		
Cell Line	U2OS VGF Knockout	
Parental	U2OS	
Product ID	U2OS-VGF KO	
Product Batch	U2OS-VGF-KO-210622	
Genotype	CRISPR/cas9-edited	
Passage	P5	
Date of Production	2020/10	
Properties		
Volume	1 ml/vial	
Storage Conditions	Liquid Nitrogen	
Cell Number/ Vial	1.0x10 ⁶ cells/ml	
Viability	99%	
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	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>24h Post-Thaw</p>  </div> <div style="text-align: center;"> <p>48h Post-Thaw</p>  </div> </div>
Growth Conditions		
Culture Media	Dulbecco's Modified Eagle's Medium (DMEM) supplemented with FBS 10%, L-glutamine 2mM, Penicillin-Streptomycin 100U/ml	
Passage Method	Trypsin	
Freezing Media	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.	

