

Copy number variation (CNV) analysis			Document No.	2018-07
			Issue date	2018-10-15
Stem cell Information				
Stem cell line	hAdMSiPS-1	Institute	KSCR	
Cell type	hiPSC	Inspection date	2018-10-01	
Banking status	Internal Deposited Cell Line Banking	Issue date	2018-10-15	
Passage	p18			
Note				
Experiment type				
SNP chip				
Platform	Affymetrix CytoscanHD	Analysis program	ChAS 3.1	
Reference	hg19	Analysis document	SOP#26-Ver.4	
Statistics				
	Total	Gain	Loss	
the number of total CNVs	24			
the number of manually filtered CNVs	1	1	0	
the number of CNVs excluded Korean normal CNV DB (KGVDB)	1	1	0	
Result of Data Analysis				
List of CNVs				
	Total	Gain	Loss	Cytoband
The number of total CNV calls	1	1	0	
The number of Pathogenic CNVs	.	.	.	
The number of Recurrent CNVs	.	.	.	
The number of stemness-related CNVs	.	.	.	
The number of Differentiation-related CNVs	.	.	.	
The number of cancer-related CNVs	.	.	.	
The number of immunogenicity-related CNVs	.	.	.	
*Recurrent CNVs include CNV gain on 1q41, 12p13.31, 17q25.2 and 20q11.21, CNV loss on 10p11.22				
Interpretation				

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chr	Cytoband	chr_start	chr_end	length (kbp)	Copy Number	CNV	Genes	OMIM Gene counts	OMIM genes (Phenotype)	Recurrent CNV	Cancer-related	Stemness-related	Differentiation-related	immunogenicity-related	KGVDB
5	q21.1	100,491,769	101,082,772	591,003	3	Gain	.	0	No