A

Function or sub-process affected	Attachment to the plasma membrane, fusion and entry: Viral receptor	Attachment to the plasma membrane, fusion and entry: Co- alternate receptors & determinants	Attachment to the plasma membrane, fusion and entry: Fusion	Cellular signalling	Early transport: Nucl. import	Integration	Transcription: Epigenetic & chromatin modification	Transcription: Promoter modulation
Differentially expressed target genes								
Gene symbol / **Denomination**								
CD4 — T cell surface glycoprotein	●●			●●				
FUT7 — Fucosyl transferase 7		●●						
FUT4 — Fucosyl transferase 4		●						
SIAT9 — Sialyl transferase 9		●●						
CD44 — Hyaluronic acid receptor				●				
CCL17 — Chemokine (C-C motif) ligand 17				●●				
CD3Z — T cell receptor ζ domain				●●				
NUP 205 — Nucleoporin 205					●			
HIST3H2A — Histon 3, H2A type							●	
HIST2H2AA3 — Histon 2, H2Atype							●	
PLU1 — JARID1B, H3K4 demethylase							●●	
ATR — Ataxia telangiectasia and Rad3-related						●●		
Top Hubs								
Cav-1 — Caveolin-1			●●					●●

B

Function or sub-process affected	Interference with cell growth: Cell cycle	Apoptosis	Proliferation
Differentially expressed target genes			
Gene symbol / **Denomination**			
LTA — Lymphotoxin α		●	
TNFRSF1B — TNF receptor superfamiliy, member 1B		●●	
TNFRSF21 — TNF receptor superfamily, member 21		●	
ATR — Ataxia telangiectasia and Rad3-related	●●	●●	
IGFBP2 — Insulin-like growth factor binding protein 2		●●	
IGFBP3 — Insulin-like growth factor binding protein 3		●●	
PTPRF — Protein tyrosine phosphatase, receptor type F	●		●
IGF2 — Insulin-like growth factor 2			●●
CCNA2 — Cyclin A2	●		
GAS2L1 — Growth arrest-specific protein 2-like 1	●●		
BARD1 — BRCA1 associated RING domain 1	●		●
MSH2 — MutS protein homolog 2	●		
FNTB — Farnesyl transferase CAAX-Box β	●		
NDC80 — Kinetochore Complex Component	●		
Non-differentially expressed key regulators* and differentially expressed top hubs#			
Cav-1# — Caveolin-1		●●	●●
c-myc* — affected	○	○	○
p53* — active	○	○	○
E2F1* — inhibited	○		
E2F4* — Inhibited	○		
MADH1# — SMAD1	●●	●●	