

# Supplementary table S3

## A

	Cytokines and growth factors	Transcription factors	Cell differentiation markers	Protein Kinases	Translocated cancer genes	Oncogenes	Tumor suppressors
Tumor suppressors	0	3	0	0	0	0	5
Oncogenes	0	4	0	2	10	12	
Translocated cancer genes	0	3	0	2	10		
Protein kinases	0	0	0	14			
Cell differentiation markers	0	0	11				
Transcription factors	0	33					
Cytokines and growth factors	3						

## B

Cytokines and growth factors	Transcription factors	Cell differentiation markers	Protein Kinases	Translocated cancer genes	Oncogenes	Tumor suppressors
AGT IL16 LTBP1	BATF BTAF1 CHD1 CHD2 CNPY3 CRIP2 CSRP3 DPF2 ERCC3 ETS1 FHL1 FOXP1 HLTF HMGA1 IGHMBP2 IRF4 KAT5 LIMA1 LMO7 MED17 MED23 MNDNA NCOR2 NFKBIB RB1 REL RELB RFX5 RFXANK SMAD5 SUB1 TP53 ZNF318	ANPEP BST2 CD22 CD44 CD9 ENTPD1 F11R ITGAM MME SLC4A1 TLR9	CAMK4 CDK6 HCK IKBKE LCK LYN MAP4K2 PDK1 PDK3 PRKCB PTK2 PTK2B SLK TTN	BCL10 BCL2 CDK6 COL1A1 EML4 ERC1 FOXP1 HMGA1 IRF4 LCK	BCL10 BCL2 CARD11 CDK6 COL1A1 EML4 ERC1 FOXP1 HMGA1 IRF4 LCK REL	BRCA1 ERCC3 PMS1 RB1 TP53