

## SLIDE Marginal Variables

Genes Associated with Significant Latent Factors

HBA2	MT.CO1	IGFBP4		RGS5		CFH	FADS1
HBA1	MT.ND4	FAT1		ANTXR1	GPX3	SERPINF1	FDPS
HBB	MT.CO3	IGF1		FILIP1L	BTNL9	FBXO32	ACSS2
NHSL1	MT.ND5	PTGFRN	S100A9	IGFBP7	SP100	MGP	DOCK5
CRK	MT.CYB	PSD3	S100A8	COBLL1	LYST	ZHX3	STX12
HECA	MT.ATP6	GLUD1	S100A12	RNF19A	ARSD	CLU	BHLHE40
DENND4C	MT.CO2	AFF1	CD177	GPC4	RDX	GNG12	CALCOCO1
ARID5B	MT.ND4L	SPARC	WASL	NRP2	IFngr1	LTBP2	ATP2A2
ZFP36L2	ITM2B	CD93	PICALM	C4orf3	GTF2IP4	GABARAP	RESF1
SERP1	SH3PXD2A	CHSY1	TNPO1	PPP1CB	PSEN1	NHSL1	MAGT1
FCN3	FCN3	FCN3	NOTCH2	FCN3	SRSF3	FCN3	FCN3
HMGCS1	HMGCS1	HMGCS1	GPI	HMGCS1	FCN3	HMGCS1	HMGCS1
VNN2	VNN2	VNN2	ACOX1	VNN2	HMGCS1	VNN2	VNN2
EFNB2	EFNB2	EFNB2	FCN3	EFNB2	VNN2	EFNB2	EFNB2
PRX	PRX	PRX	HMGCS1	PRX	EFNB2	PRX	PRX
SLC39A8	NPR3	SLC39A8	VNN2	SLC39A8	PRX	SLC39A8	SLC39A8
NPR3	NUPR1	NPR3	EFNB2	NPR3	SLC39A8	NPR3	NUPR1
NUPR1	S100A4	NUPR1	PRX	NUPR1	NPR3	NUPR1	S100A4
S100A4	MSMO1	S100A4	SLC39A8	S100A4	NUPR1	S100A4	MSMO1
MSMO1	ANXA3	MSMO1	NPR3	MSMO1	S100A4	MSMO1	ANXA3