

Table II Root and linker proteins

BRAIN

LINKER PROTEIN	GEN SYMBOL	CONNECTED ROOTS
P10599	TXN	Q86XK2, P04150
P04637	P53	
Q9UII4	CEBPB	P04150, P35638
P17676		
Q99557		
Q9BSC0		
P05412		
Q6FHK0	JUN	
Q6FHM7		
GENEID:3725		
P68400	CSNK2A1	
B4DYS6		
Q5U5J2		
B5BUH5		

BONE

LINKER PROTEIN	GEN SYMBOL	CONNECTED ROOTS
A2A2Y6	SMAD9	Q01543, O60315
O15198		
GENEID:4093		
GENEID:4090	SMAD5	O60315, Q9UMS4
Q14164	IKK-E	Q9UMS4, Q01581
P48023	FASLG	P14598, O43586
P60709	ACTB	P14598, P01730
P42768	WAS	O43586, Q13094
GENEID:7454		
P29350	PTPN6	Q13094, P08575
Q53XS4		
Q53EL0		
Q9UK67		
GENEID:5777		
Q9UQB1	CD22	
Q32M46		
O60926		
Q9UQB2		
P20273		
GENEID:933		
Q6NUK7	LYN	
P07948		
GENEID:4067		
Q6ICN0	GRB2	
Q9H2Q4		
Q9H7G8		
Q9HAU2		
P62993		
Q7Z4F5		
GENEID:2885		
Q6PIA4		
P43403		

Q8IXD6		
GENEID:7535		
P06241		
Q5R3A8	FYN	
GENEID:2534		
P15498		
Q96D37	VAV	
GENEID:7409		
O43561		
GENEID:27040	LAT	Q13094, P01730
Q86UZ1	CD44	P10124, P01730
Q9P2Z2		
O95659		
Q9H5A7		
Q9H5A6		
O95658		
Q9H5A3		
P16070		
Q99900		
Q9H5A5		
O95370		
GENEID:960		
Q5IT36		
Q6ZVE9		
Q6ICW0		
P48061		
Q2L988		
Q9H554		
Q2L985		
Q8NF00		
Q2L986		
GENEID:6387		
Q6PIJ0	FCGR3A	P08575, P01730
Q53FL6		
Q5EBR4		
Q53FJ0		
A2N6W9		
Q5QNY1		
P08637		
Q9ULV2		
Q9UN20		
Q65ZM6		
GENEID:2214		
Q70WG0	CD28	
P10747		
GENEID:940		
Q15954	LGALS1	
Q15954		
P06729	CD2	
Q5JVN7		
Q53F96		
GENEID:914	CD45	P08575, P01730, Q13094
Q5T9M0		
Q5T9M5		
Q6PJK7		
Q5T5R0		

Q5T5R1		
Q5T5R2		
Q6QIQ5		
Q6QIR3		
Q6Q1P2		
P08575		
Q6LDN6		
Q8TD79		
Q9H3X6		
Q6QIM3		
Q6QIN1		
Q5T9M2		
Q5T9M3		
Q6QIN9		
Q5T9L9		
Q5T9M4		
Q0VAE8		
GENEID:5788		
Q573B4	LCK	P01730, P08575, P48061
P06239		
GENEID:3932		
P01730	CD4	
Q6LCP8		
Q13969		
GENEID:920		
P27487	DDP4	
GENEID:1803		
Q9BXA0	CXCR4	
Q5MIL4		
Q8NH28		
P61073		
GENEID:7852		

LIVER

LINKER PROTEIN	GEN SYMBOL	CONNECTED ROOTS
Q6MZF4	FN1	P02743, P02760
Q60FE4		
Q14327		
Q68DP8		
Q68DP9		
Q68DT4		
Q17RV7		
Q6N025		
O95608		
Q6MZU5		
Q6N0A6		
Q7Z391		
Q53S27		
Q68CX6		
O95617		
Q7L553		
Q9UQS6		
Q9H382		
Q585T2		

Q6MZM7		
Q6MZS0		
Q59G22		
Q59EH1		
Q6PJE5		
Q6N084		
Q5CZ99		
Q14328		
Q564H7		
GENEID :2335		
Q9UQQ5	F8	P00734, P00740
Q9UMZ8		
Q2VF45		
Q71UI6		
Q14286		
P00451		
GENEID:2157		
P38435		
Q53GV4	GGCX	
GENEID:2677		
GENEID:2147		
P13671	F2	P00734, P01031
GENEID:729	CD6	
P02671	FGA	
P50502	ST13	P00734, P02768
P05155	SERPING1	
P02652	APOA2	
P02654	APOC1	P02768, P02652
P0C0L4	C4A	
P08709	F7	
Q86WA1	F2	P02768, P00740
Q53H04	AMPB	P00734, P02760, P00740
Q53H06		
Q69EZ8		
Q15253		
Q16505		
Q4QZ40		
Q7Z7P3		
Q8TD58		
Q69EZ7		
GENEID:2147		
P02760		
P78492		
GENEID:259	FN1	P00734, P02760, P02768
P02751		
P00734	F2	P00734, P02760, P00740, P02768
P02768	ALB	P02790, P02760, P02652, P00734, P02768

LUNG

LINKER PROTEIN	GEN SYMBOL	CONNECTED ROOTS
Q6NTF6	SP5	P11684, Q8IWL1
Q6BEB4		
GENEID:389058		
Q8IWL2	SFTPA1	
Q8IWL1	SFTPA2	
P07988	SFTPB	
GENEID:6439		
P11686	SFTPC	
GENEID:6440		
P78489	SP-A1	
Q16599		
GENEID:6436		
P04070	PROC	A4D133, P01833
Q9Y5Q5	CORIN	A4D133, Q02487
Q9UKR0	KLK12	
P00790	PGA3	O96009, P01833
P20142	PGC	
P00797	REN	
P07339	CTSD	
P01024	C3	
P56817	BACE1	
Q96FS4	SIPA1	O96009, Q8IWL1
P11474	ESRRA	P01833, Q02487
P07477	PRSS1	
P15157	TPSAB1	
P20231	TPSB2	
P05981	HPN	
P00734	F2	
Q92876	KLK6	
P00746	CFD	
P12544	GZMA	
P10144	GZMB	
P49863	GZMK	
P35030	PRSS3	
P46108	CRK	
P20160	AZU1	
P08246	ELA2	
P08311	CTSG	
P23946	CMA	
P14780	MMP9	P01833, Q8IWL1
Q15011	HERP	
P08047	SP1	
P43627	KIR2DL2	
Q7Z5Y1	USF1	
P22415		
Q5SY47		
P02751	FN1	P11684, P01833
P24158	PRTN3	A4D133, P01833, Q02487

Differentially expressed linkers are represented in grey