SERPINE1, MMP16 PHYKPL ADAMT9MINP14 F11R ITGA4 MATN3/TGA9 VCAM1 EMILIN3/ A2M FBN1 LTBP1 ITGA8 FBLN1 FMOOD47 LUM CD44 JAM3 CAM1 TGFB2 NIDCDH1-ITGA5-ITGB8 SOCS6 /FRS2 -MFAP5 IP1 -LRP4COL749OL16K1 EPS15 SPREDO ADAM19ADAM9EFEMP1 √IRS1 SCUBE3 TIMP2 EFEMP2 BGN P4HA2 COL13A1 ADAM12 POGFRA/// ,ITPR1 COL8A1/LOXL4 FGFBP3 CAPN2 ADAMTS18 TLL2 ADAM DE 2A1 LOXL2 HSPG2 ITGA2 SFP1 COL9A2 PIK3R PDGFRB GABRG2
HAPLNEAM DST Extrace Kular matrix @ Colsan DNAL4 SPHK 1/3C3 TCIRG1
EMILIN2 — ADAM PS 2NC COL5A1 OL5A2 TGB1 DLG4 CYFIP PTPN 18K F GFR2 size COL4A2, COL9A3 NTRK2AK/1 FGF9 ANOSKKACB FBLNMMP24 P3H2 COL15A1COL1A1 FBLNMMP24 P3H2 COL15A1COL1A1 ITGAV SHC2 PAK3 SH2D2A ADCYAP 150C42

FBN2 P3H1 LOX ITGB5 COL4A1 COL28 PINT1 AK73S PRY1 ESR MASF2

ADAMTS MMP7 ollagen formation 3A1 COL4A NCDK5R1 TAPPR V MAZ F CF18 ST MN1 35 82 NCAROL22A1 PCOLCE2COL1A2LAMAT ADAM PDOGRABRG3 130 NRG3 VAVYEGRAPR2 CAPNE CTSK-LOXL1 COL4A6 MMP9 LAMASDGFBABI2 ITPR3 SHC1IRS4 NEDD4 177 MP2 CTSV SDC1 COLGALTSIGNAL PRICE SINCE COLGALTS SPARC COL25A1SPARC DUSP6 RITT SH3GLRIT GRB10

BMP7 CASK COL26A1 COL27A1 MAPK11

CTSV SDC1 COLGALTS SPARC DUSP6 RITT SH3GLRIT GRB10

BMP7 CASK COL26A1 COL27A1 MAPK11

EDET TO THE MEDDA SH3GLRIT GRB10

EDET TO THE MEDDA SH3GLRIT GRB10 MMP)_/ CAST SDC2 PCOLOE COL25A1SPARC TGFB1 Non-integrin membrane-ECM IHEMAGERBB4 PIK30RALR PORTO PDGFC HBEGF STATE SOON RALGOSIK3R3 LAMC1 PDE3B SDC3/DMD// \LTBP2 GRB2 WASF1

GRB2 WASF1

GXCL1 VRK3

REMARKS PROMOTORS

TNS3 NRXN1 ADAMTS5 APOE ARHGEF7-NTN4 COLGALT2 CYFIP2 FLRT3 DUSP&PINPRKCPNMGAB2 FLT1 PTPREPRIMAGENCE GABRB2 EGEULADCYAP1 / RP2R1BUSP3 PCSK5 NRP1 ROCK2-PRKCB-PIK3CA VEGFC GAB1 LYN \ CYBA FYN BAIA ATP6V0E2 GALNT3 APH1B STAM2 ATP6V1G2-