SUPPLEMENTAL TABLE 2:
Cleavage sites identified in rF20-WT

Cleavage Site		Position in FBN1	Module	Enzyme
P4 - P1	P1' - P8'			
CSIR	NMCLNGMC	580	cbEGF5	T
AVGL	DGRVCVDT	648	cbEGF6	C
LCPR	GPGFATKE	1011	TB3	Th
GKPF	FKDINECK	1025	TB3	C
PFFK	DINECKMI	1027	TB3	P

For numbering of the amino acids, fibrillin-1 sequence NP_000129.3 was used. The number for the position in FBN1 refers to the first residue after the cleavage site (P1'). Eight residues were identified in each N-terminal sequencing reaction which is sufficient to unambiguously identify the cleavage site (P1' - P8'). Cysteine can normally not be analyzed by Edman degradation. However, frequently the stable cysteine-acryl amid compound could be identified in the chromatograms (67). For trypsin and chymotrypsin, only cleavages sites corresponding to the consensus sites are indicated. Enzyme abbreviations: T, trypsin; C, chymotrypsin; P, plasmin; Th, thrombin.