



Supplementary Figure 2. Diagram of all the Nesprin-1 isoforms based on UniProt ID: Q8NF91 (<https://www.uniprot.org/>, accessed on September 17, 2022). Differences of obscure isoforms from canonical (Isoform-1): Isoform-2: 1-5476: missing; Isoform-3: 1-7838: missing, 8325-8325: S → SDVMIPESPEAYVKLTENAİKNTS; Isoform-4: 103-103: K → KSMHRGSP, 3620-3641: missing, 3912-3967: missing, 8325-8325: S → SDVMIPESPEAYVKLTENAİK-NTS; Isoform-5: 1437-1443: DIKTMEM → EYVIDKS, 1444-8797: missing; Isoform-6: 1702-1725: LQNEVVQSASFYSKLLQLKESLFS → SSRKCEEGKNKMLFVTVTLFKIİK, 1726-8797: missing; Isoform-7: 5571-5580: TLLESKEID → VTLGKIIFKK, 5581-8797: missing; Isoform-8: 1-5585: missing; Isoform-9: 1-7843: missing, 7844-7874: AKASHESKASEIEYKLGKVN-DRWQHLLDLIA → MVVAEDLSALRMAEDGCVDAD-LPDCNCDVTR, 8325-8325: S → SDVMIPESPEAYVKLTENAİKNTS; Isoform-10: 297-313: missing, 3049-3049: C → W, 3050-8797: missing; Isoform-11: 1-7658: missing; Isoform-12: 1-2918: missing, 3325-3394: ALLS-VKQEKEIQMKMIVTRGESVLQNTSPEGIPTIQQLQSVKDMWASLLSAGIRCKSQLEGALSKWTSY → VCIFTQKYLQPTFEFVFLKISRLHP-PGVMMSHSLHDKSQMLCECNAVCLGCTCQRIPESDPGCFPKNKIK, 3395-8797: missing. CH, second calponin homology; KASH, Klar-sicht/ANC-1/Syne homology.