## SH3_pept_seq_all
| List of all SH3-peptide complexes in the PDB | Unnamed: 1 | Unnamed: 2 | Unnamed: 3 | Unnamed: 4 | Unnamed: 5 | Unnamed: 6 | Unnamed: 7 | Unnamed: 8 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| cataloged by specificity classes | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| Class and Motif are manually assigned from the SH3-peptide complex analysis | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| Direction describes the orientation of the peptide taking the specificity site as start of the prolyproline binding site (Plus= N to C-terminal) | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| PDB ID | Chains | Peptide seq | Class | Motif | Direction | Organism | Clustering of same protein SH3 domains | sequePluse |
| 1a0n | B:A | PPRPLPVAPGSSKT | C-I | RxxPxxP | Plus | Homo sapiens | 1a0n, 1azg, 1fyn, 3ua7, 4eik | VTLFVALYDYEARTEDDLSFHKGEKFQILNSSEGDWWEARSLTTGETGYIPSNYVAPV |
| 1abo | A:C | APTMPPPLPP | C-I-like | PxxxPxxP | Plus | Mus musculus | 1abo | NLFVALYDFVASGDNTLSITKGEKLRVLGYNHNGEWCEAQTKNGQGWVPSNYITPVNS |
| 1aze | A:B | VPPPVPPRRR | C-II | PxxPxR | Minus | Homo sapiens | 1aze | MEAIAKVDFKATADDELSFKRGDILKVLNEESDQNWYKAELNGKDGFIPKNYIEMK |
| 1azg | B:A | PPRPLPVAPGSSKT | C-I | RxxPxxP | Plus | Homo sapiens | 1a0n, 1azg, 1fyn, 3ua7, 4eik | VTLFVALYDYEARTEDDLSFHKGEKFQILNSSEGDWWEARSLTTGETGYIPSNYVAPV |
| 1b07 | A:C | EVPGPVPPRR | C-II | PxxPxR | Minus | Mus musculus | 1b07, 1cka, 1ckb | SAEYVRALFDFNGNDEEDLPFKKGDILRIRDKPEEQWWNAEDSEGKRGMIPVPYVEKYH |
| 1bbz | G:H | APSYSPPPPP | C-I-like | PxxP | Plus | Homo sapiens | 1bbz, 2o88, 3eg1, 4j9c, 4j9d, 4j9e, 4j9f, 4j9g, 4j9h, 4j9i | NLFVALYDFVASGDNTLSITKGEKLRVLGYNHNGEWCEAQTKNGQGWVPSNYITPVNS |
| 1cka | A:B | PPPALPPKK | C-II | PxxPxK | Minus | Mus musculus | 1b07, 1cka, 1ckb | AEYVRALFDFNGNDEEDLPFKKGDILRIRDKPEEQWWNAEDSEGKRGMIPVPYVEKY |
| 1ckb | A:B | PPPVPPRR | C-II | PxxPxR | Minus | Mus musculus | 1b07, 1cka, 1ckb | AEYVRALFDFNGNDEEDLPFKKGDILRIRDKPEEQWWNAEDSEGKRGMIPVPYVEKY |
| 1fyn | A:B | PPAYPPPPVP | C-I-like | PxxxxPxxP | Plus | Homo sapiens | 1a0n, 1azg, 1fyn, 3ua7, 4eik | GTGVTLFVALYDYEARTEDDLSFHKGEKFQILNSSEGDWWEARSLTTGETGYIPSNYVAPVD |
| 1gbq | A:B | VPPPVPPRRR | C-II | PxxPxR | Minus | Mus musculus | 1gbq, 2gbq, 3gbq, 4gbq | GSRRASVGSMEAIAKYDFKATADDELSFKRGDILKVLNEECDQNWYKAELNGKDGFIPKNYIEMKPHPEFIVTD |
| 1h3h | A:B | APSIDRSTKPA | C-IX | PxxxRxxK | Minus | Mus musculus | 1h3h, 1oeb, 1uti, 2d0n, 2w10 | GRVRWARALYDFEALEEDELGFRSGEVVEVLDSSNPSWWTGRLHNKLGLFPANYVAPMMR |
| 1io6 | A:B | RHYRPLPPLP | C-I | RxYRxxPxxP | Plus | Homo sapiens | 1io6, 2vwf, 2w0z | GSTYVQALFDFDPQEDGELGFRRGDFIHVMDNSDPNWWKGACHGQTGMFPRNYVTPVNR |
| 1jeg | A:B | IPPPLPERTPESFIVVEE | C-II | PxxPxR(helix) | Minus | Mus musculus | 1jeg | SGTECIAKYNFHGTAEQDLPFCKGDVLTIVAVTKDPNWYKAKNKVGREGIIPANYVQKRE |
| 1mv0 | B:A | LLPTPPLSPSRRSG | C-IX | xxxP | Minus | Homo sapiens | 1mv0 | GRLDLPPGFMFKVQAQHDYTATDTDELQLKAGDVVLVIPFQNPEEQDEGWLMGVKESDWNQHKKLEKCRGVFPENFTERVP |
| 1n5z | A:P | MPPTLPHRDW | C-II | PxxPxRxW | Minus | Saccharomyces cerevisiae | 1n5z | EPIDPSKLEFARALYDFVPENPEMEVALKKGDLMAILSKKDPLGRDSDWWKVRTKNGNIGYIPYNYIEIIK |
| 1nlo | C:N | XXXPLPPLP | C-I-like | PxxP | Plus | Gallus gallus | 1nlo,1nlp, 1prl, 1prm, 1rlp, 1rlq, 4hvu, 4hvv, 4hvw, 4qt7 | TFVALYDYESRTETDLSFKKGERLQIVNNTEGDWWLAHSLTTGQTGYIPSNYVAPS |
| 1nlp | C:N | XXPLPPLP | C-I-like | PxxP | Plus | Gallus gallus | 1nlo,1nlp, 1prl, 1prm, 1rlp, 1rlq, 4hvu, 4hvv, 4hvw, 4qt7 | TFVALYDYESRTETDLSFKKGERLQIVNNTEGDWWLAHSLTTGQTGYIPSNYVAPS |
| 1oeb | B:C | APSIDRSTKPPL | C-IX | PxxxRxxK | Minus | Mus musculus | 1h3h, 1oeb, 1uti, 2d0n, 2w10 | WARALYDFEALEEDELGFRSGEVVEVLDSSNPSWWTGRLHNKLGLFPANYVAPMM |
| 1ov3.A1 | A:C | QPPSNPPPRPP | C-I-like | PxxxxPxxP | Plus | Homo sapiens | 1ov3.A1, 1wlp | GSPEFIILQTYRAIADYEKTSGSEMALSTGDVVEVVEKSESGWWFCQMKAKRGWIPASFLEPLDSPDETE |
| 1ov3.A2 | A:C | QPPSNPPPRPP | C-V | RxxPxxx | Plus | Homo sapiens | 1ov3.A2 | PEPNYAGEPYVAIKAYTAVEGDEVSLLEGEAVEVIHKLLDGWWVIRKDDVTGYFPSMYLQKSGQ |
| 1prl | C:A | AFAPPLPRR | C-II | PxxPxR | Minus | Gallus gallus | 1nlo,1nlp, 1prl, 1prm, 1rlp, 1rlq, 4hvu, 4hvv, 4hvw, 4qt7 | TFVALYDYESRTETDLSFKKGERLQIVNNTEGDWWLAHSLTTGQTGYIPSNYVAPS |
| 1prm | C:A | AFAPPLPRR | C-II | PxxPxR | Minus | Gallus gallus | 1nlo,1nlp, 1prl, 1prm, 1rlp, 1rlq, 4hvu, 4hvv, 4hvw, 4qt7 | TFVALYDYESRTETDLSFKKGERLQIVNNTEGDWWLAHSLTTGQTGYIPSNYVAPS |
| 1qwe | A:B | APPLPPRNRPRL | C-II | PxxPxR | Minus | Avian sarcoma virus | 1qwe, 1qwf | TFVALYDYESRTETDLSFKKGERLQIVNNTEGDWWLAHSLTTGQTGYIPSNYVAPS |
| 1qwf | A:B | VSLARRPLPPLP | C-I | RxxPxxP | Plus | Avian sarcoma virus | 1qwe, 1qwf | TFVALYDYESRTETDLSFKKGERLQIVNNTEGDWWLAHSLTTGQTGYIPSNYVAPS |
| 1rlp | C:R | RALPPLPRY | C-I | RxxPxxP | Plus | Gallus gallus | 1nlo,1nlp, 1prl, 1prm, 1rlp, 1rlq, 4hvu, 4hvv, 4hvw, 4qt7 | TFVALYDYESRTETDLSFKKGERLQIVNNTEGDWWLAHSLTTGQTGYIPSNYVAPS |
| 1rlq | C:R | RALPPLPRY | C-I | RxxPxxP | Plus | Gallus gallus | 1nlo,1nlp, 1prl, 1prm, 1rlp, 1rlq, 4hvu, 4hvv, 4hvw, 4qt7 | TFVALYDYESRTETDLSFKKGERLQIVNNTEGDWWLAHSLTTGQTGYIPSNYVAPS |
| 1sem | B:D | PPPVPPR | C-II | PxxPxR | Minus | Caenorhabditis elegans | 1sem, 2sem | TKFVQALFDFNPQESGELAFKRGDVITLINKDDPNWWEGQLNNRRGIFPSNYVCPYN |
| 1ssh | A:B | GPPPAMPARPT | C-II | PxxPxR | Minus | Saccharomyces cerevisiae | 1ssh | GSSPKAVALYSFAGEESGDLPFRKGDVITILKKSDSQNDWWTGRVNGREGIFPANYVELV |
| 1uj0 | A:B | TPMVNRENK | C-IX | PxxxRxxK | Minus | Mus musculus | 1uj0 | MARRVRALYDFEAVEDNELTFKHGELITVLDDSDANWWQGENHRGTGLFPSNFVTTDL |
| 1uti | A:D | GQPPLVPPRKEKMRGK | C-II | PxxPxR(helix) | Minus | Mus musculus | 1h3h, 1oeb, 1uti, 2d0n, 2w10 | VRWARALYDFEALEEDELGFRSGEVVEVLDSSNPSWWTGRLHNKLGLFPANYVAPMM |
| 1wa7 | A:B | WDPGMPTPPLPPRPANLGERQA | C-II | PxxPxR | Minus | Homo sapiens | 1wa7 | GSPEEQGDIVVALYPYDGIHPDDLSFKKGEKMKVLEEHGEWWKAKSLLTKKEGFIPSNYVAKLNT |
| 1wlp | B:A | GPLGSKQPPSNPPPRPPAEARKKPS | C-I-like | KxPPxxxxPxxP | Plus | Homo sapiens | 1ov3.A1, 1wlp | GSDITGPIILQTYRAIADYEKTSGSEMALSTGDVVEVVEKSESGWWFCQMKAKRGWIPASFLEPLDSPDETE |
| 1ywo | A:P | QPPVPPQRPM | C-II | PxxPxR | Minus | Rattus norvegicus | 1ywo | GSPTFKSAVKALFDYKAQREDELTFTKSAIIQNVEKQDGGWWRGDYGGKKQLWFPSNYVEEMIN |
| 1zuk | A:C | RGPAPPPPPHR | C-II | PxxPxR | Minus | Saccharomyces cerevisiae | 1zuk | EPEVPFKVVAQFPYKSDYEDDLNFEKDQEIIVTSVEDAEWYFGEYQDSNGDVIEGIFPKSFVAVQ |
| 2ak5 | B:D | RPPKPRPR | C-IV | PxxxxR | Minus | Rattus norvegicus | 2ak5, 2df6, 2p4r | GSANSQLVVRAKFNFQQTNEDELSFSKGDVIHVTRVEEGGWWEGTHNGRTGWFPSNYVREIKPS |
| 2bz8 | B:C | PARPPKPRPRR | C-IV | PxxxxR | Minus | Homo sapiens | 2bz8 | MVEAIVEFDYQAQHDDELTISVGEIITNIRKEDGGWWEGQINGRRGLFPDNFVREIKK |
| 2d0n | A:B | PSIDRSTKP | C-IX | PxxxRxxK | Minus | Mus musculus | 1h3h, 1oeb, 1uti, 2d0n, 2w10 | GSPWARALYDFEALEEDELGFRSGEVVEVLDSSNPSWWTGRLHNKLGLFPANYVAPMMR |
| 2d1x | C:Q | KRPPPPPPG | C-I | RxxPxxP | Plus | Homo sapiens | 2d1x | GPLGSENDLGITAVALYDYQAAGDDEISFDPDDIITNIEMIDDGWWRGVCKGRYGLFPANYVELRQ |
| 2df6 | B:D | PPVIAPRPEHTK | C-IV | PxxxxR(helix) | Minus | Rattus norvegicus | 2ak5, 2df6, 2p4r | GPLGSVVRAKFNFQQTNEDELSFSKGDVIHVTRVEEGGWWEGTHNGRTGWFPSNYVREI |
| 2drk | A:B | RPKPVPPPRG | C-II | PxxPxR | Minus | Acanthamoeba castellanii | 2drk, 2drm | GSPGIQVKALYDYDAQTGDELTFKEGDTIIVHQKDPAGWWEGELNGKRGWVPANYVQDI |
| 2drm | C:G | AKPVPPPRGAKPAPPPR | C-II | PxxPxR | Minus | Acanthamoeba castellanii | 2drk, 2drm | GPGIQVKALYDYDAQTGDELTFKEGDTIIVHQKDPAGWWEGELNGKRGWVPANYVQDI |
| 2gbq | A:B | VPPPVPPRRR | C-II | PxxPxR | Minus | Mus musculus | 1gbq, 2gbq, 3gbq, 4gbq | MEAIAKYDFKATADDELSFKRGDILKVLNEECDQNWYKAELNGKDGFIPKNYIEMKP |
| 2j6f | A:C | PPKPRPRR | C-V | KxxPxxx | Plus | Homo sapiens | 2j6f, 2j6o, 2j7i, 4wci | VDYIVEYDYDAVHDDELTIRVGEIIRNVKKLQEEGWLEGELNGRRGMFPDNFVKEIKR |
| 2j6o | A:C | PLPRPRV | C-IX | PxVx | Plus | Homo sapiens | 2j6f, 2j6o, 2j7i, 4wci | VDYIVEYDYDAVHDDELTIRVGEIIRNVKKLQEEGWLEGELNGRRGMFPDNFVKEIK |
| 2j7i | B:D | KGPPLPRPRV | C-IV | PxxxxR | Minus | Homo sapiens | 2j6f, 2j6o, 2j7i, 4wci | VDYIVEYDYDAVHDDELTIRVGEIIRNVKKLQEEGWLEGELNGRRGMFPDNFVKEIKR |
| 2jma | A:B | APSYSPPPPP | C-I-like | PxxxxPxxP | Plus | Gallus gallus | 2jma | MDETGKELVLALYDYQEKSPAEVTMKKGDILTLLNSTNKDWWKVEVNDRQGFVPAAYVKKLD |
| 2jxb | A:A | HMKERPPPVPNPDYNSLK | C-II | PxxPxxDY | Minus | Homo sapiens | 2jxb | HMKERPPPVPNPDYNSLKKGSLVKNLHMTEEVIVIAKWDYTAQQDQELDIKKNERLWLLDDSKTWWRVRNAANRTGYVPS |
| 2kym | A:B | GKFIPSRPAPKPPSSA | C-I | PxRxxPxxP | Plus | Lodderomyces elongisporus | 2kym | LFAVTLYEFKAERDDELDVSPGENLSICAHYDYEWFIAKPINLGGPGLVPVSYVRIIDLMDPAKYASVDTYDREQVMKIIDEFKIPTVEQWK |
| 2lcs | A:B | GKFIPSRPAPKPPSSA | C-I | PxRxxPxxP | Plus | Saccharomyces cerevisiae | 2lcs | MAIVNQRAVALYDFEPENDNELRLAEGDIVFISYKHGQGWLVAENESGSKTGLVPEEFVSYIQPELE |
| 2o88 | B:D | APSYSPPPPP | C-I-like | PxxP | Plus | Homo sapiens | 1bbz, 2o88, 3eg1, 4j9c, 4j9d, 4j9e, 4j9f, 4j9g, 4j9h, 4j9i | NLFVALYDFVASGDNTLSITKGEKLRVLGYNHNGEWCEAQTKNGQGWVPSAYITPV |
| 2o9v | A:B | VPPPVPPPPS | C-VIII | PxxPxxP | Minus | Homo sapiens | 2o9v, 4ln2 | GIDPFTGEAIAKFNFNGDTQVEMSFRKGERITLLRQVDENWYEGRIPGTSRQGIFPITYVDVIKRPL |
| 2oi3 | A:B | HSKYPLPPLPSL | C-I | KxxPxxP | Plus | Homo sapiens | 2oi3, 2oj2 | DIIVVALYDYEAIHHEDLSFQKGDQMVVLEESGEWWKARSLATRKEGYIPSNYVARVDSLET |
| 2oj2 | A:B | HSKYPLPPLPSL | C-I | KxxPxxP | Plus | Homo sapiens | 2oi3, 2oj2 | EDIIVVALYDYEAIHHEDLSFQKGDQMVVLEESGEWWKARSLATRKEGYIPSNYVARVDSLET |
| 2p4r | A:T | PSRPPRPSRPPPPTPR | C-I | PxxPxRxxPxxP | Plus | Rattus norvegicus | 2ak5, 2df6, 2p4r | SVVRAKFNFQQTNEDELSFSKGDVIHVTRVEEGGWWEGTHNGRTGWFPSNYVREI |
| 2rol | A:B | PPVPNPDYEPIR | C-IX | xxxPxxDY | Minus | Homo sapiens | 2rol | GSMGTAGKWVLCNYDFQARNSSELSVKQRDVLEVLDDSRKWWKVRDPAGQEGYVPYNILTPYPG |
| 2rpn | A:B | AKKTKPTPPPKPSHLKPK | C-II | PxxPxR | Minus | Saccharomyces cerevisiae | 2rpn | APWATAEYDYDAAEDNELTFVENDKIINIEFVDDDWWLGELEKDGSKGLFPSNYVSLGN |
| 2rqw | A:B | SSSANGKFIPSRPAPKPPSSASAS | C-I | PxRxxPxxP | Plus | Saccharomyces cerevisiae | 2rqw | LYAIVLYDFKAEKADELTTYVGENLFICAHHNCEWFIAKPIGRLGGPGLVPVGFVSIIDIATGYATGNDVIEDIKSVNLPTVQEWK |
| 2sem | A:C | PPPVXPRR | C-IV | PxxxxR | Minus | Caenorhabditis elegans | 1sem, 2sem | ETKFVQALFDFNPQESGELAFKRGDVITLINKDDPNWWEGQLNNRRGIFPSNYVCPYN |
| 2vkn | A:C | KPLPPLPLA | C-I | RxxPxxP | Plus | Saccharomyces cerevisiae | 2vkn | DDNFIYKAKALYPYDADDDDAYEISFEQNEILQVSDIEGRWWKARRANGETGIIPSNYVQLIDGPEEMHR |
| 2vwf | A:B | IQPPPVNRNLKPDR | C-IV | PxxxxRxxK | Minus | Homo sapiens | 1io6, 2vwf, 2w0z | GPTYVQALFDFDPQEDGELGFRRGDFIHVMDNSDPNWWKGACHGQTGMFPRNYVTAVN |
| 2w0z | A:B | APPPRPPKP | C-II | PxxPxK | Minus | Homo sapiens | 1io6, 2vwf, 2w0z | GPTYVQALFDFDPQEDGELGFRRGDFIHVMDNSDPNWWKGACHGQTGMFPRNYVTAVN |
| 2w10 | B:C | PPPRPTAPKP | C-IX | xxxPxRPxxP | Minus | Mus musculus | 1h3h, 1oeb, 1uti, 2d0n, 2w10 | PLGSVRWARALYDFEALEEDELGFRSGEVVEVLDSSNPSWWTGRLHNKLGLFPANYVAPMMR |
| 3eg1 | A:C | APSYSPPPPP | C-I-like | PxxP | Plus | Homo sapiens | 1bbz, 2o88, 3eg1, 4j9c, 4j9d, 4j9e, 4j9f, 4j9g, 4j9h, 4j9i | NLFVALYDFVASGDNTLSITKGEKLRVLGYNHNGEWCEAQTKNGQGWVPSQYITPVNS |
| 3gbq | A:B | VPPPVPPRRR | C-II | PxxPxR | Minus | Mus musculus | 1gbq, 2gbq, 3gbq, 4gbq | MEAIAKYDFKATADDELSFKRGDILKVLNEECDQNWYKAELNGKDGFIPKNYIEMKP |
| 3i5r | A:B | KRPLPPLPS | C-I | RxxPxxP | Plus | Homo sapiens | 3i5r | MSAEGYQYRALYDYKKEREEDIDLHLGDILTVNKGSLVALGFSDGQEARPEEIGWLNGYNETTGERGDFPGTYVEYIGRKKIS |
| 3thk | B:D | PPPVPP | C-I-like | PxxP | Plus | Rattus norvegicus | 3thk | KELVLALYDYQEKSPREVTMKKGDILTLLNSTNKDWWKVEVNDRQGFVPAAYVKKLDP |
| 3u23 | A:B | QPPVPPPRKKRIS | C-II | PxPPxR | Minus | Homo sapiens | 3u23 | MSAEGYQYRALYDYKKEREEDIDLHLGDILTVNKGSLVALGFSDGQEARPEEIGWLNGYNETTGERGDFPGTYVEYIGRKKIS |
| 3ua7 | D:F | APPIPPPR | C-II | PxxPxR | Minus | Homo sapiens | 1a0n, 1azg, 1fyn, 3ua7, 4eik | GVTLFVALYDYEARTEDDLSFHKGEKFQILNSSEGDWWEARSLTTGETGYIPSNYVAPVDS |
| 3ulr | B:C | SSVVPYLPRLPIL | C-VIII | PxxPxxP | Minus | Mus musculus | 3ulr | PLGSSDLGITAIALYDYQAAGDDEISFDPDDIITNIEMIDDGWWRGVCKGRYGLFPANYVELRQ |
| 4cc2 | A:B | PPPALPSSAPSG | C-II-like | PxxPxxxP | Minus | Homo sapiens | 4cc2, 4cc3, 4cc7 | GPEGNQVYFAVYTFKARNPNELSVSANQKLKILEFKDVTGNTEWWLAEVNGKKGYVPSNYIRKTEYT |
| 4cc3 | A:B | PPPPLPSGPAYA | C-VIII | PxxPxxP | Minus | Homo sapiens | 4cc2, 4cc3, 4cc7 | GPEGNQVYFAVYTFKARNPNELSVSANQKLKILEFKDVTGNTEWWLAEVNGKKGYVPSNYIRKTEYT |
| 4cc7 | A:B | PPALPSSAPSG | C-II-like | PxxPxxxP | Minus | Homo sapiens | 4cc2, 4cc3, 4cc7 | GPEGNQVYFAVYTFKARNPNELSVSANQKLKILEFKDVTGNTEWWLAEVNGKKGYVPSNYIRKTEYT |
| 4eik | A:B | SLARRPLPPLP | C-I | LxRRxxPxxP | Plus | Homo sapiens | 1a0n, 1azg, 1fyn, 3ua7, 4eik | VTLFVALYDYEARTEDDLSFHKGEKFQILNSSEGDWWEARSLTTGETGYIPSNYVAPV |
| 4f14 | A:B | PPPTLPKPKLP | C-IV | PxxxxK | Minus | Homo sapiens | 4f14 | GAMANLRTYRAMYDYSAQDEDEVSFRDGDYIVNVQPIDDGWMYGTVQRTGRTGMLPANYIEFVN |
| 4gbq | A:B | VPPPVPPRRR | C-II | PxxPxR | Minus | Mus musculus | 1gbq, 2gbq, 3gbq, 4gbq | MEAIAKYDFKATADDELSFKRGDILKVLNEECDQNWYKAELNGKDGFIPKNYIEMKP |
| 4hvu | A:B | APPLPPRNRP | C-II | PxxPxR | Minus | Gallus gallus | 1nlo,1nlp, 1prl, 1prm, 1rlp, 1rlq, 4hvu, 4hvv, 4hvw, 4qt7 | GSHMTFVALYDYESRTEDDLSFKKGERLQIVNNTEGDWWLAHSLTTGRTGYIPSNYVAPSD |
| 4hvv | A:B | APPLPPRNRP | C-II | PxxPxR | Minus | Gallus gallus | 1nlo,1nlp, 1prl, 1prm, 1rlp, 1rlq, 4hvu, 4hvv, 4hvw, 4qt7 | TFVALYDYESRTEEDLSFKKGERLQIVNNTEGDWWLAHSLTTGRTGYIPSNYVAPS |
| 4hvw | A:B | VSLARRPLPPLP | C-I | LxRRxxPxxP | Plus | Gallus gallus | 1nlo,1nlp, 1prl, 1prm, 1rlp, 1rlq, 4hvu, 4hvv, 4hvw, 4qt7 | GSHMTFVALYDYESRTEEDLSFKKGERLQIVNNTEGDWWLAHSLTTGRTGYIPSNYVAPSD |
| 4j9c | A:B | APTYPPLPP | C-I-like | PxxP | Plus | Homo sapiens | 1bbz, 2o88, 3eg1, 4j9c, 4j9d, 4j9e, 4j9f, 4j9g, 4j9h, 4j9i | MENDPNLFVALYDFVASGDNTLSITKGEKLRVLGYNQTGEWCEAQTKNGQGWVPSNYITPVNS |
| 4j9d | A:B | APTYPPLPP | C-I-like | PxxP | Plus | Homo sapiens | 1bbz, 2o88, 3eg1, 4j9c, 4j9d, 4j9e, 4j9f, 4j9g, 4j9h, 4j9i | MENDPNLFVALYDFVASGDNTLSITKGEKLRVLGYNHNGEWCEAQTKNGQGWVPSAYITPVNS |
| 4j9e | A:B | APTYPPLPP | C-I-like | PxxP | Plus | Homo sapiens | 1bbz, 2o88, 3eg1, 4j9c, 4j9d, 4j9e, 4j9f, 4j9g, 4j9h, 4j9i | MENDPNLFVALYDFVASGDNTLSITKGEKLRVLGYNHNGEWCEAQTKNGQGWVPSAYITPVNS |
| 4j9f | A:B | APTYPPLPP | C-I-like | PxxP | Plus | Homo sapiens | 1bbz, 2o88, 3eg1, 4j9c, 4j9d, 4j9e, 4j9f, 4j9g, 4j9h, 4j9i | MENDPNLFVALYDFVASGDNTLSITKGEKLRVLGYNHNGEWCEAQTKNGQGWVPSNYITPVNS |
| 4j9g | A:B | APTYPPPPP | C-I-like | PxxP | Plus | Homo sapiens | 1bbz, 2o88, 3eg1, 4j9c, 4j9d, 4j9e, 4j9f, 4j9g, 4j9h, 4j9i | MENDPNLFVALYDFVASGDNTLSITKGEKLRVLGYNHNGEWCEAQTKNGQGWVPSNYITPVNS |
| 4j9h | A:G | APTYPPPPP | C-I-like | PxxP | Plus | Homo sapiens | 1bbz, 2o88, 3eg1, 4j9c, 4j9d, 4j9e, 4j9f, 4j9g, 4j9h, 4j9i | MENDPNLFVALYDFVASGDNTLSITKGEKLRVLGYNHNGEWCEAQTKNGQGWVPSNYITPVNS |
| 4j9i | A:B | APTYPPPPP | C-I-like | PxxP | Plus | Homo sapiens | 1bbz, 2o88, 3eg1, 4j9c, 4j9d, 4j9e, 4j9f, 4j9g, 4j9h, 4j9i | MENDPNLFVALYDFVASGDNTLSITKGEKLRVLGYNHNGEWCEAQTKNGQGWVPSNYITPVNS |
| 4ln2 | A:B | ELAPPKPPLPE | C-VIII | PxKPxxP | Minus | Homo sapiens | 2o9v, 4ln2 | QHMVLEYGEAIAKFNFNGDTQVEMSFRKGERITLLRQVDENWYEGRIPGTSRQGIFPITYVDVIKRPL |
| 4lnp | A:B | VPPPRPPPPE | C-VIII | PxRPxxP | Minus | Homo sapiens | 4lnp | EMRPARAKFDFKAQTLKELPLQKGDIVYIYKQIDQNWYEGEHHGRVGIFPRTYIELLPPAE |
| 4qt7 | A:B | APPIPPPR | C-II | PxxPxR | Minus | Gallus gallus | 1nlo,1nlp, 1prl, 1prm, 1rlp, 1rlq, 4hvu, 4hvv, 4hvw, 4qt7 | GSHMTFVALYDYESRTETDLSFKKGERLQIVNNTEGDWWLAHSLTTGQTGYIPSNYVAPSD |
| 4wci | A:B | AKKNLPTAPPRRRVSE | C-II | PxAPxR | Minus | Homo sapiens | 2j6f, 2j6o, 2j7i, 4wci | GPLGSMVDYIVEYDYDAVHDDELTIRVGEIIRNVKKLQEEGWLEGELNGRRGMFPDNFVKEIKRE |
| 4z88 | A:M | RRKLPEIP | C-I | RxxPxxP | Plus | Drosophila melanogaster | 4z88, 4z89 | GPLGSPEFRYFVAMFDYDPSTMSPNPDGCDEELPFQEGDTIKVFGDKDADGFYWGELRGRRGYVPHNMVSEVE |
| 4z89 | A:a | GRRLPPTP | C-I | RxxPxxP | Plus | Drosophila melanogaster | 4z88, 4z89 | GPLGSPEFRYFVAMFDYDPSTMSPNPDGCDEELPFQEGDTIKVFGDKDADGFYWGELRGRRGYVPHNMVSEVE |

## Unique SH3 complex structures
| Non-redundant list of SH3 domain structures bound to peptides by species | Unnamed: 1 | Unnamed: 2 | Unnamed: 3 | Unnamed: 4 | Unnamed: 5 | Unnamed: 6 | Unnamed: 7 | Unnamed: 8 | Unnamed: 9 | Unnamed: 10 | Unnamed: 11 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | in: | peptide binding region |
| human SH3 domains where the phage-derived specificity agrees with the structure | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | out: | outside of the interface |
| NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| NaN | NaN | PDB data | NaN | NaN | NaN | NaN | Phage data of human SH3 sequences | NaN | NaN | NaN | NaN |
| Uniprot ID | Gene-SH3 number | Class | Motif | Direction | Protein name | Organism | Closest human SH3 domain | % sequence identity | Location of mutations | Class | Clustering of same protein SH3 domain-peptide complex |
| P00520 | ABL1-1/1 | C-I-like | (Pxxxx)PxxP | Plus | Tyrosine-protein kinase ABL1 | Mus musculus | ABL2-1/1 | 91 | out | Class III/V | 1abo |
| P00519 | ABL1-1/1 | C-I-like | (Pxxxx)PxxP | Plus | Tyrosine-protein kinase ABL1 | Homo sapiens | ABL2-1/1 | 91 | out | Class III/V | 1bbz, 2o88, 3eg1, 4j9c, 4j9d, 4j9e, 4j9f, 4j9g, 4j9h, 4j9i |
| P15891 | ABP1-1/1 | C-II | PxxPxK | Minus | Actin-binding protein | Saccharomyces cerevisiae | CTTN-1/1 | 52 | NaN | Class II | 2rpn |
| O55043 | ARHGEF7-1/1 | C-IV | PxxxxR | Minus | Rho guanine nucleotide exchange factor 7 | Rattus norvegicus | ARHGEF7-1/1 | 95 | out | Class II | 2ak5, 2df6 |
| O55043 | ARHGEF7-1/1 | C-I | (PxxPx)RxxPxxP | Plus | Rho guanine nucleotide exchange factor 7 | Rattus norvegicus | ARHGEF7-1/1 | 95 | out | Class II | 2p4r |
| P47068 | BBC1-1/1 | C-II | PxxPxR | Minus | Myosin tail region-interacting protein MTI1 | Saccharomyces cerevisiae | ITSN2-3/5 | 38 | NaN | Class I/II | 1zuk |
| P29366 | BEM1-2/2 | C-I | (Px)RxxPxxP | Plus | Bud emergence protein 1 | Saccharomyces cerevisiae | SH3KBP1-1/3 | 38 | NaN | Class I/II | 2rqw |
| O00499 | BIN1-1/1 | C-IX | PxxxxxR | Minus | Myc box-dependent-interacting protein 1 | Homo sapiens | BIN1-1/1 | 98 | out | Class IV | 1mv0 |
| Q9Y5K6 | CD2AP-1/3 | C-V/IV | KxxPxxx | Plus | CD2-associated protein | Homo sapiens | CD2AP-1/3 | 100 | NaN | Class IV | 2j6f, 2j7i |
| Q9Y5K6 | CD2AP-1/3 | C-IX | LxxPxL | Plus | CD2-associated protein | Homo sapiens | CD2AP-1/3 | 100 | NaN | Class IV | 2j6o |
| Q9Y5K6 | CD2AP-1/3 | C-II | PxxPxR | Minus | CD2-associated protein | Homo sapiens | CD2AP-1/3 | 100 | NaN | Class IV | 4wci |
| Q9Y5K6 | CD2AP-2/3 | C-II | PxxPxR | Minus | CD2-associated protein | Homo sapiens | CD2AP-2/3 | 100 | NaN | Class IV | 3u23 |
| Q64010 | CRK-1/2 | C-II | PxxPxR | Minus | Adapter molecule crk | Mus musculus | CRK-1/2 | 98 | out | Class II | 1b07, 1cka, 1ckb |
| P41241 | CSK-1/1 | C-II | PxxPxR(helix) | Minus | Tyrosine-protein kinase CSK | Mus musculus | GRB2-1/2 | 44 | NaN | Class I/II | 1jeg |
| Q14247 | CTTN-1/1 | C-I | PxxP | Minus | Src substrate cortactin | Homo sapiens | CTTN-1/1 | 98 | out | Class II | 2d1x |
| Q60598 | CTTN-1/1 | C-VIII | PxxP | Minus | Src substrate cortactin | Mus musculus | CTTN-1/1 | 96 | out | Class II | 3ulr |
| Q6XZF7 | DNMBP-6/6 | C-II-like/VIII | PxxP(xxxP) | Minus | Dynamin-binding protein | Homo sapiens | DNMBP-6/6 | 100 | NaN | Class VII/VII | 4cc2, 4cc3, 4cc7 |
| Q8TE68 | EPS8L1-1/1-IS1/2 | C-IX | PxxDY | Minus | Epidermal growth factor receptor kinase substrate 8-like protein 1 | Homo sapiens | EPS8L1-1/1-IS1/2 | 100 | NaN | Class VII | 2rol |
| P06241 | FYN-1/1 | C-I | RxxPxxP | Plus | Tyrosine-protein kinase Fyn | Homo sapiens | FYN-1/1 | 100 | NaN | Class I/II | 1a0n, 1azg, 4eik |
| P06241 | FYN-1/1 | C-I-like | (Pxxxx)PxxP | Plus | Tyrosine-protein kinase Fyn | Homo sapiens | FYN-1/1 | 100 | NaN | Class I/II | 1fyn |
| P06241 | FYN-1/1 | C-II | PxxP | Plus | Tyrosine-protein kinase Fyn | Homo sapiens | FYN-1/1 | 100 | NaN | Class I/II | 3ua7 |
| O89100 | GRAP2-2/2 | C-IX | PxxxRxxK | Minus | GRB2-related adaptor protein 2 | Mus musculus | GRAP2-2/2 | 95 | out | Class I/V | 1h3h, 1oeb, 2d0n |
| O89100 | GRAP2-2/2 | C-II | PxxPxR(helix) | Minus | GRB2-related adaptor protein 2 | Mus musculus | GRAP2-2/2 | 95 | out | Class I/V | 1uti |
| O89100 | GRAP2-2/2 | C-IX | xxxPxRP(xxP) | Minus | GRB2-related adaptor protein 2 | Mus musculus | GRAP2-2/2 | 95 | out | Class I/V | 2w10 |
| Q60631 | GRB2-1/2 | C-II | PxxPxR | Minus | Growth factor receptor-bound protein 2 | Homo sapiens | GRB2-1/2 | 96 | in | Class I/II | 1aze |
| Q60631 | GRB2-1/2 | C-II | PxxPxR | Minus | Growth factor receptor-bound protein 2 | Mus musculus | GRB2-1/2 | 100 | NaN | Class I/II | 1gbq, 2gbq, 3gbq, 4gbq |
| P62993 | GRB2-2/2 | C-I | (RxY)RxxPxxP | Plus | Growth factor receptor-bound protein 2 | Homo sapiens | GRB2-2/2 | 100 | NaN | Class VII | 1io6 |
| P62993 | GRB2-2/2 | C-IV | PxVxR(xxK) | Minus | Growth factor receptor-bound protein 2 | Homo sapiens | GRB2-2/2 | 100 | NaN | Class VII | 2vwf |
| P62993 | GRB2-2/2 | C-II | PxRPxK | Minus | Growth factor receptor-bound protein 2 | Homo sapiens | GRB2-2/2 | 100 | NaN | Class VII | 2w0z |
| P08631 | HCK-1/1 | C-I | KxxPxxP | Plus | Tyrosine-protein kinase HCK | Homo sapiens | LYN-1/1 | 68 | NaN | Class II | 2oi3, 2oj2 |
| A5E3P5 | LELG\_04233 | C-I | (Px)RxxPxxP | Plus | Putative uncharacterized protein | Lodderomyces elongisporus | SNX18-1/1 | 36 | NaN | Class I | 2kym |
| P43603 | LSB3-1/1 | C-II | PxxPxR | Minus | LAS seventeen-binding protein 3 | Saccharomyces cerevisiae | SH3YL1-1/1 | 53 | NaN | Class I/II | 1ssh |
| P07948 | LYN-1/1 | C-II | PxxPxR | Minus | Tyrosine-protein kinase Lyn | Homo sapiens | LYN-1/1 | 100 | NaN | Class II | 1wa7 |
| P19706 | MIB-1/1 | C-II | PxxPxR | Minus | Myosin heavy chain IB | Acanthamoeba castellanii | PACSIN1-1/1 | 49 | NaN | Class I | 2drk, 2drm |
| Q12163 | NBP2-1/1 | C-I | (Px)RxxPxxP | Plus | NAP1-binding protein 2 | Saccharomyces cerevisiae | SH3RF1-4/4 | 39 | NaN | Class IV | 2lcs |
| P14598 | NCF1-1/2 | C-I-like | (Pxxxx)PxxP | Plus | Neutrophil cytosol factor 1 | Homo sapiens | SH3PXD2B-1/4 | 47 | NaN | Class VII | 1ov3.A1 |
| P14598 | NCF1-1/2 | C-I-like | (KxPPxxxx)PxxP | Plus | Neutrophil cytosol factor 1 | Homo sapiens | SH3PXD2B-1/4 | 47 | NaN | Class VII | 1wlp |
| P14598 | NCF1-2/2 | C-V | RxxPxxx | Minus | Neutrophil cytosol factor 1 | Homo sapiens | SH3PXD2A-1/5 | 43 | NaN | Class VII | 1ov3.A2 |
| O43639 | NCK2-1/3-SV1/2 | C-II | PxxDY | Minus | Cytoplasmic protein NCK2 | Homo sapiens | NCK2-1/3-SV1/2 | 100 | NaN | Class I/II | 2jxb |
| O76041 | NEBL-1/1 | C-IV | PxxxxK | Minus | Nebulette | Homo sapiens | NEBL-1/1 | 100 | NaN | Class VII | 4f14 |
| P80667 | PEX13-1/1 | C-II | PxxPxR(xW) | Minus | Peroxisomal membrane protein PAS20 | Saccharomyces cerevisiae | TXK-1/1 | 44 | NaN | Class IV | 1n5z |
| P27986 | PIK3R1-1/1 | C-I | RxxPxxP | Plus | Phosphatidylinositol 3-kinase regulatory subunit alpha | Homo sapiens | PIK3R2-1/1 | 53 | NaN | Class I/II | 3i5r |
| P10686 | PLCG1-1/1 | C-II | PxxPxR | Minus | 1-PI 4,5-P2 phosphodiesterase gamma-1 | Rattus norvegicus | PLCG1-1/1 | 95 | out | Class I/II | 1ywo |
| A0A0B4JDC9 | RBP-1/1 | C-I | RxxPxxP | Plus | RIM-binding protein, isoform F | Drosophila melanogaster | BZRAP1-2/3 | 71 | NaN | Class II | 4z88, 4z89 |
| P29355 | SEM5-2/2 | C-II/IV | PxxPxR | Minus | Sex muscle abnormal protein 5 | Caenorhabditis elegans | GRB2-2/2 | 57 | NaN | Class VII | 1sem, 2sem |
| Q96B97 | SH3KBP1-1/3 | C-IV | PxxxxR | Minus | SH3 domain-containing kinase-binding protein 1 | Homo sapiens | SH3KBP1-1/3 | 100 | NaN | Class I/II | 2bz8 |
| P40073 | SHO1-1/1 | C-I | RxxPxxP | Plus | High osmolarity signaling protein SHO1 | Saccharomyces cerevisiae | FYN-1/1 | 47 | NaN | Class I/II | 2vkn |
| Q9BX66 | SORBS1-1/3 | C-VIII | PxRP(xxP) | Minus | Sorbin and SH3 domain-containing protein 1 | Homo sapiens | SORBS2-1/3 | 70 | NaN | Class III/V | 4lnp |
| Q9BX66 | SORBS1-2/3 | C-VIII | PxKP(xxP) | Minus | Sorbin and SH3 domain-containing protein 1 | Homo sapiens | SORBS1-2/3 | 100 | NaN | Class I/III | 2o9v, 4ln2 |
| P07751 | SPTAN1-1/1 | C-I-like | (Pxxxx)PxxP | Plus | Spectrin alpha chain, non-erythrocytic 1 | Gallus gallus | BCAR1-1/1 | 39 | NaN | Class III | 2jma |
| P16086 | SPTAN1-1/1 | C-I-like | PxxP | Plus | Spectrin alpha chain, non-erythrocytic 1 | Rattus norvegicus | BCAR1-1/1 | 40 | NaN | Class III | 3thk |
| P00523 | SRC-1/1-IS2/2 | C-I-like | PxxP | Plus | Proto-oncogene tyrosine-protein kinase Src | Gallus gallus | SRC-1/1-IS2/2 | 98 | out | Class I/II | 1nlo,1nlp |
| P00523 | SRC-1/1-IS2/2 | C-II | PxxPxR | Minus | Proto-oncogene tyrosine-protein kinase Src | Gallus gallus | SRC-1/1-IS2/2 | 98 | out | Class I/II | 1prl, 1prm, 4hvu, 4hvv, 4qt7 |
| P00523 | SRC-1/1-IS2/2 | C-I | RxxPxxP | Plus | Proto-oncogene tyrosine-protein kinase Src | Gallus gallus | SRC-1/1-IS2/2 | 98 | out | Class I/II | 1rlp, 1rlq, 4hvw |
| O88811 | STAM2-1/1 | C-IX | PxxxRxxK | Minus | Signal transducing adapter molecule 2 | Mus musculus | STAM-1/1 | 80 | NaN | Class VII/VII/VII | 1uj0 |
| P00525 | V-SRC-1/1 | C-II | PxxPxR | Minus | Tyrosine-protein kinase transforming protein Src | Avian sarcoma virus | SRC-1/1-IS2/2 | 98 | out | Class I/II | 1qwe |
| P00525 | V-SRC-1/1 | C-I | RxxPxxP | Plus | Tyrosine-protein kinase transforming protein Src | Avian sarcoma virus | SRC-1/1-IS2/2 | 98 | out | Class I/II | 1qwf |

## Identity matrix
| Unnamed: 0 | Identity Matrix between PDB structures SH3 bound to peptides and phage-positive human SH3 sequences | Unnamed: 2 | Unnamed: 3 | Unnamed: 4 | Unnamed: 5 | Unnamed: 6 | Unnamed: 7 | Unnamed: 8 | Unnamed: 9 | Unnamed: 10 | Unnamed: 11 | Unnamed: 12 | Unnamed: 13 | Unnamed: 14 | Unnamed: 15 | Unnamed: 16 | Unnamed: 17 | Unnamed: 18 | Unnamed: 19 | Unnamed: 20 | Unnamed: 21 | Unnamed: 22 | Unnamed: 23 | Unnamed: 24 | Unnamed: 25 | Unnamed: 26 | Unnamed: 27 | Unnamed: 28 | Unnamed: 29 | Unnamed: 30 | Unnamed: 31 | Unnamed: 32 | Unnamed: 33 | Unnamed: 34 | Unnamed: 35 | Unnamed: 36 | Unnamed: 37 | Unnamed: 38 | Unnamed: 39 | Unnamed: 40 | Unnamed: 41 | Unnamed: 42 | Unnamed: 43 | Unnamed: 44 | Unnamed: 45 | Unnamed: 46 | Unnamed: 47 | Unnamed: 48 | Unnamed: 49 | Unnamed: 50 | Unnamed: 51 | Unnamed: 52 | Unnamed: 53 | Unnamed: 54 | Unnamed: 55 | Unnamed: 56 | Unnamed: 57 | Unnamed: 58 | Unnamed: 59 | Unnamed: 60 | Unnamed: 61 | Unnamed: 62 | Unnamed: 63 | Unnamed: 64 | Unnamed: 65 | Unnamed: 66 | Unnamed: 67 | Unnamed: 68 | Unnamed: 69 | Unnamed: 70 | Unnamed: 71 | Unnamed: 72 | Unnamed: 73 | Unnamed: 74 | Unnamed: 75 | Unnamed: 76 | Unnamed: 77 | Unnamed: 78 | Unnamed: 79 | Unnamed: 80 | Unnamed: 81 | Unnamed: 82 | Unnamed: 83 | Unnamed: 84 | Unnamed: 85 | Unnamed: 86 | Unnamed: 87 | Unnamed: 88 | Unnamed: 89 | Unnamed: 90 | Unnamed: 91 | Unnamed: 92 | Unnamed: 93 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| NaN | # human SH3 seq with a homolog: | 27 | of | 116 | sequences | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| NaN | Threshold applied: | >80 | identity | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| NaN | NaN | NaN | PDB files of SH3-peptide complexes and the specificity class assigned | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| Phage-positive human SH3 domains | NaN | NaN | 1a0n | 1abo | 1aze | 1azg | 1b07 | 1bbz | 1cka | 1ckb | 1fyn | 1gbq | 1h3h | 1io6 | 1jeg | 1mv0 | 1n5z | 1nlo | 1nlp | 1oeb | 1ov3.A1 | 1ov3.A2 | 1prl | 1prm | 1qwe | 1qwf | 1rlp | 1rlq | 1sem | 1ssh | 1uj0 | 1uti | 1wa7 | 1wlp | 1ywo | 1zuk | 2ak5 | 2bz8 | 2d0n | 2d1x | 2df6 | 2drk | 2drm | 2gbq | 2j6f | 2j6o | 2j7i | 2jma | 2jxb | 2kym | 2lcs | 2o88 | 2o9v | 2oi3 | 2oj2 | 2p4r | 2rol | 2rpn | 2rqw | 2sem | 2vkn | 2vwf | 2w0z | 2w10 | 3eg1 | 3gbq | 3i5r | 3thk | 3u23 | 3ua7 | 3ulr | 4cc2 | 4cc3 | 4cc7 | 4eik | 4f14 | 4gbq | 4hvu | 4hvv | 4hvw | 4j9c | 4j9d | 4j9e | 4j9f | 4j9g | 4j9h | 4j9i | 4ln2 | 4lnp | 4qt7 | 4wci | 4z88 | 4z89 |
| NaN | ABL2-1/1 | 11 | 42.105263 | 91.22807 | 30.357143 | 42.105263 | 24.561404 | 91.22807 | 24.561404 | 24.561404 | 42.105263 | 31.578947 | 35.087719 | 31.578947 | 24.561404 | 5.263158 | 35.087719 | 37.5 | 37.5 | 36.363636 | 19.298246 | 19.298246 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 28.070175 | 28.070175 | 35.087719 | 35.087719 | 31.578947 | 19.298246 | 27.272727 | 5.263158 | 28.070175 | 22.807018 | 35.087719 | 29.824561 | 28.070175 | 29.824561 | 29.824561 | 31.578947 | 26.315789 | 26.315789 | 26.315789 | 29.824561 | 31.578947 | 28.070175 | 28.070175 | 89.285714 | 21.052632 | 31.578947 | 31.578947 | 29.090909 | 35.087719 | 28.070175 | 22.807018 | 28.070175 | 28.070175 | 30.357143 | 29.824561 | 35.087719 | 89.473684 | 31.578947 | 8.77193 | 29.824561 | 19.642857 | 42.105263 | 28.070175 | 35.087719 | 35.087719 | 35.087719 | 42.105263 | 25 | 31.578947 | 35.087719 | 35.714286 | 35.087719 | 91.22807 | 89.285714 | 89.285714 | 91.22807 | 91.22807 | 91.22807 | 91.071429 | 21.052632 | 22.807018 | 36.842105 | 26.315789 | 26.315789 | 26.315789 |
| NaN | AC093799.1-1/1 | 0 | 20.689655 | 20.689655 | 28.571429 | 20.689655 | 23.728814 | 20.689655 | 24.561404 | 24.561404 | 20 | 21.052632 | 18.333333 | 5.084746 | 21.666667 | 5 | 13.333333 | 23.214286 | 23.214286 | 1.818182 | 18.965517 | 18.333333 | 23.214286 | 23.214286 | 23.214286 | 23.214286 | 23.214286 | 23.214286 | 29.824561 | 26.666667 | 24.137931 | 19.298246 | 25 | 18.965517 | 25.454545 | 5 | 33.333333 | 19.298246 | 3.389831 | 1.666667 | 32.20339 | 28.813559 | 29.310345 | 21.052632 | 22.413793 | 22.807018 | 22.413793 | 23.333333 | 1.694915 | 1.666667 | 18.333333 | 21.428571 | 23.333333 | 21.666667 | 21.666667 | 34.545455 | 3.333333 | 27.118644 | 5 | 29.310345 | 21.666667 | 3.571429 | 3.448276 | 18.333333 | 20.689655 | 21.052632 | 25 | 24.137931 | 25 | 20 | 1.666667 | 18.333333 | 18.333333 | 17.241379 | 20.689655 | 25 | 21.052632 | 21.052632 | 21.428571 | 20 | 20.689655 | 21.428571 | 21.428571 | 20 | 20.689655 | 20.338983 | 21.428571 | 23.333333 | 8.333333 | 21.666667 | 21.666667 | 26.666667 | 26.666667 |
| NaN | AHI1-1/1 | 0 | 38.596491 | 28.070175 | 30.357143 | 38.596491 | 31.578947 | 28.070175 | 31.578947 | 31.578947 | 38.596491 | 31.578947 | 36.842105 | 36.842105 | 26.315789 | 28.070175 | 29.824561 | 37.5 | 37.5 | 38.181818 | 26.315789 | 26.315789 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 36.842105 | 36.842105 | 36.842105 | 36.842105 | 33.333333 | 26.315789 | 40 | 31.578947 | 31.578947 | 38.596491 | 38.596491 | 42.105263 | 31.578947 | 45.614035 | 45.614035 | 31.578947 | 38.596491 | 38.596491 | 38.596491 | 33.333333 | 29.824561 | 26.315789 | 24.561404 | 26.785714 | 22.807018 | 38.596491 | 38.596491 | 32.727273 | 33.333333 | 38.596491 | 26.315789 | 36.842105 | 21.052632 | 37.5 | 36.842105 | 36.842105 | 26.315789 | 31.578947 | 22.807018 | 33.333333 | 32.142857 | 38.596491 | 40.350877 | 22.807018 | 22.807018 | 22.807018 | 38.596491 | 33.928571 | 31.578947 | 36.842105 | 35.714286 | 35.087719 | 28.070175 | 26.785714 | 26.785714 | 28.070175 | 28.070175 | 28.070175 | 28.571429 | 22.807018 | 24.561404 | 36.842105 | 38.596491 | 26.315789 | 26.315789 |
| NaN | AMPH-1/1 | 0 | 22.413793 | 3.448276 | 25 | 22.413793 | 18.644068 | 3.448276 | 19.298246 | 19.298246 | 29.032258 | 22.807018 | 21.666667 | 28.813559 | 18.333333 | 53.521127 | 15.492958 | 16.071429 | 16.071429 | 23.636364 | 27.586207 | 22.535211 | 16.071429 | 16.071429 | 16.071429 | 16.071429 | 16.071429 | 16.071429 | 35.087719 | 26.666667 | 29.310345 | 22.807018 | 18.333333 | 27.586207 | 21.818182 | 1.538462 | 28.125 | 31.578947 | 22.033898 | 15.151515 | 18.644068 | 27.118644 | 27.586207 | 22.807018 | 32.758621 | 33.333333 | 32.758621 | 16.129032 | 13.559322 | 2.816901 | 32.835821 | 3.571429 | 1.492537 | 35.483871 | 34.920635 | 20 | 23.4375 | 27.118644 | 1.408451 | 34.482759 | 21.212121 | 30.357143 | 29.310345 | 20.967742 | 15.517241 | 22.807018 | 25.352113 | 24.137931 | 35.714286 | 29.508197 | 15.625 | 20.634921 | 21.311475 | 13.793103 | 22.413793 | 23.214286 | 22.807018 | 17.54386 | 16.071429 | 14.754098 | 5.172414 | 3.571429 | 3.571429 | 0 | 5.172414 | 5.084746 | 3.571429 | 5.882353 | 21.311475 | 14.754098 | 29.230769 | 21.126761 | 21.126761 |
| NaN | ARHGAP10-1/1-SV2/2\* | 0 | 33.928571 | 21.428571 | 33.928571 | 33.928571 | 28.571429 | 21.428571 | 28.571429 | 28.571429 | 33.928571 | 35.714286 | 44.642857 | 28.571429 | 26.785714 | 21.428571 | 26.785714 | 32.142857 | 32.142857 | 43.636364 | 32.142857 | 32.142857 | 32.142857 | 32.142857 | 32.142857 | 32.142857 | 32.142857 | 32.142857 | 32.142857 | 35.714286 | 32.142857 | 44.642857 | 32.142857 | 32.142857 | 25.454545 | 3.571429 | 37.5 | 33.928571 | 42.857143 | 35.714286 | 37.5 | 39.285714 | 39.285714 | 35.714286 | 41.071429 | 41.071429 | 41.071429 | 25 | 3.571429 | 25 | 26.785714 | 19.642857 | 26.785714 | 32.142857 | 32.142857 | 38.181818 | 26.785714 | 32.142857 | 21.428571 | 32.142857 | 32.142857 | 28.571429 | 28.571429 | 44.642857 | 19.642857 | 35.714286 | 32.142857 | 25 | 37.5 | 33.928571 | 35.714286 | 30.357143 | 30.357143 | 30.357143 | 33.928571 | 33.928571 | 35.714286 | 32.142857 | 32.142857 | 32.142857 | 21.428571 | 19.642857 | 19.642857 | 21.428571 | 21.428571 | 21.428571 | 21.428571 | 26.785714 | 32.142857 | 32.142857 | 41.071429 | 25 | 25 |
| NaN | ARHGAP12-1/1 | 0 | 25.862069 | 18.965517 | 17.857143 | 25.862069 | 20.338983 | 18.965517 | 14.035088 | 14.035088 | 25.423729 | 19.298246 | 23.728814 | 18.644068 | 18.644068 | 3.389831 | 23.728814 | 30.357143 | 30.357143 | 25.454545 | 13.793103 | 18.644068 | 30.357143 | 30.357143 | 30.357143 | 30.357143 | 30.357143 | 30.357143 | 19.298246 | 3.389831 | 18.965517 | 24.561404 | 18.644068 | 13.793103 | 20 | 15.254237 | 15.254237 | 24.561404 | 23.728814 | 3.389831 | 15.254237 | 28.813559 | 29.310345 | 19.298246 | 32.758621 | 33.333333 | 32.758621 | 33.898305 | 30.508475 | 20.338983 | 22.033898 | 19.642857 | 15.254237 | 27.118644 | 27.118644 | 16.363636 | 18.644068 | 23.728814 | 25.423729 | 18.965517 | 16.949153 | 19.642857 | 18.965517 | 23.728814 | 20.689655 | 19.298246 | 3.389831 | 36.206897 | 23.214286 | 25.423729 | 3.389831 | 18.644068 | 18.644068 | 18.965517 | 25.862069 | 21.428571 | 19.298246 | 31.578947 | 30.357143 | 28.813559 | 18.965517 | 17.857143 | 17.857143 | 16.949153 | 17.241379 | 16.949153 | 17.857143 | 18.644068 | 6.779661 | 28.813559 | 32.20339 | 5.084746 | 5.084746 |
| NaN | ARHGAP26-1/1 | 0 | 35.714286 | 26.785714 | 37.5 | 35.714286 | 26.785714 | 26.785714 | 26.785714 | 26.785714 | 35.714286 | 39.285714 | 42.857143 | 33.928571 | 28.571429 | 5.357143 | 32.142857 | 33.928571 | 33.928571 | 41.818182 | 28.571429 | 28.571429 | 33.928571 | 33.928571 | 33.928571 | 33.928571 | 33.928571 | 33.928571 | 32.142857 | 37.5 | 33.928571 | 42.857143 | 32.142857 | 28.571429 | 32.727273 | 5.357143 | 39.285714 | 33.928571 | 41.071429 | 37.5 | 39.285714 | 42.857143 | 42.857143 | 39.285714 | 41.071429 | 41.071429 | 41.071429 | 23.214286 | 25 | 30.357143 | 35.714286 | 25 | 26.785714 | 32.142857 | 32.142857 | 40 | 23.214286 | 33.928571 | 25 | 32.142857 | 33.928571 | 33.928571 | 33.928571 | 42.857143 | 25 | 39.285714 | 32.142857 | 23.214286 | 37.5 | 35.714286 | 37.5 | 30.357143 | 30.357143 | 30.357143 | 35.714286 | 39.285714 | 39.285714 | 33.928571 | 33.928571 | 33.928571 | 28.571429 | 25 | 25 | 26.785714 | 26.785714 | 26.785714 | 26.785714 | 26.785714 | 30.357143 | 33.928571 | 41.071429 | 23.214286 | 23.214286 |
| NaN | ARHGAP27-1/1 | 0 | 22.413793 | 15.517241 | 10.714286 | 22.413793 | 22.033898 | 15.517241 | 22.807018 | 22.807018 | 21.666667 | 12.280702 | 8.333333 | 16.949153 | 13.333333 | 3.333333 | 1.666667 | 17.857143 | 17.857143 | 20 | 15.517241 | 21.666667 | 17.857143 | 17.857143 | 17.857143 | 17.857143 | 17.857143 | 17.857143 | 17.54386 | 16.666667 | 6.896552 | 19.298246 | 20 | 15.517241 | 18.181818 | 5 | 20 | 24.561404 | 8.474576 | 18.333333 | 20.338983 | 18.644068 | 18.965517 | 12.280702 | 24.137931 | 24.561404 | 24.137931 | 28.333333 | 33.898305 | 16.666667 | 10 | 14.285714 | 25 | 20 | 20 | 21.818182 | 16.666667 | 15.254237 | 1.666667 | 17.241379 | 18.333333 | 17.857143 | 17.241379 | 8.333333 | 17.241379 | 12.280702 | 5 | 31.034483 | 17.857143 | 21.666667 | 18.333333 | 15 | 15 | 15.517241 | 22.413793 | 19.642857 | 12.280702 | 19.298246 | 19.642857 | 18.333333 | 15.517241 | 16.071429 | 16.071429 | 15 | 15.517241 | 15.254237 | 16.071429 | 26.666667 | 11.666667 | 16.666667 | 23.333333 | 3.333333 | 3.333333 |
| NaN | ARHGAP32-1/1 | 0 | 5.172414 | 8.62069 | 25 | 5.172414 | 5.084746 | 8.62069 | 19.298246 | 19.298246 | 4.83871 | 24.561404 | 30 | 25.423729 | 5 | 22.666667 | 2.816901 | 1.785714 | 1.785714 | 30.909091 | 25.862069 | 26.666667 | 1.785714 | 1.785714 | 1.785714 | 1.785714 | 1.785714 | 1.785714 | 24.561404 | 21.666667 | 25.862069 | 31.578947 | 5 | 25.862069 | 34.545455 | 6.153846 | 23.4375 | 38.596491 | 28.813559 | 30.30303 | 27.118644 | 28.813559 | 29.310345 | 24.561404 | 29.310345 | 29.824561 | 29.310345 | 20.967742 | 6.779661 | 2.666667 | 2.985075 | 1.785714 | 8.955224 | 6.451613 | 6.349206 | 27.272727 | 3.125 | 32.20339 | 21.333333 | 24.137931 | 3.030303 | 26.785714 | 25.862069 | 29.032258 | 8.62069 | 24.561404 | 1.333333 | 22.413793 | 37.5 | 4.918033 | 31.25 | 15.873016 | 16.393443 | 17.241379 | 5.172414 | 19.642857 | 24.561404 | 1.754386 | 1.785714 | 1.639344 | 10.344828 | 8.928571 | 8.928571 | 1.612903 | 10.344828 | 10.169492 | 8.928571 | 5.882353 | 29.508197 | 1.639344 | 26.153846 | 1.369863 | 1.369863 |
| NaN | ARHGAP4-1/1 | 0 | 32.142857 | 25 | 39.285714 | 32.142857 | 32.142857 | 25 | 32.142857 | 32.142857 | 32.142857 | 39.285714 | 26.785714 | 30.357143 | 30.357143 | 3.571429 | 25 | 32.142857 | 32.142857 | 27.272727 | 25 | 25 | 32.142857 | 32.142857 | 32.142857 | 32.142857 | 32.142857 | 32.142857 | 32.142857 | 37.5 | 23.214286 | 26.785714 | 25 | 25 | 27.272727 | 17.857143 | 32.142857 | 30.357143 | 26.785714 | 33.928571 | 32.142857 | 33.928571 | 33.928571 | 39.285714 | 26.785714 | 26.785714 | 26.785714 | 26.785714 | 23.214286 | 21.428571 | 21.428571 | 25 | 32.142857 | 30.357143 | 30.357143 | 32.727273 | 21.428571 | 33.928571 | 19.642857 | 32.142857 | 25 | 30.357143 | 30.357143 | 26.785714 | 25 | 39.285714 | 1.785714 | 26.785714 | 25 | 32.142857 | 32.142857 | 28.571429 | 28.571429 | 28.571429 | 32.142857 | 26.785714 | 39.285714 | 32.142857 | 32.142857 | 32.142857 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 32.142857 | 32.142857 | 32.142857 | 26.785714 | 21.428571 | 21.428571 |
| NaN | ARHGAP42-1/1 | 0 | 30.357143 | 23.214286 | 33.928571 | 30.357143 | 25 | 23.214286 | 25 | 25 | 30.357143 | 35.714286 | 35.714286 | 30.357143 | 28.571429 | 5.357143 | 21.428571 | 28.571429 | 28.571429 | 34.545455 | 21.428571 | 21.428571 | 28.571429 | 28.571429 | 28.571429 | 28.571429 | 28.571429 | 28.571429 | 23.214286 | 30.357143 | 28.571429 | 35.714286 | 28.571429 | 21.428571 | 30.909091 | 5.357143 | 32.142857 | 28.571429 | 33.928571 | 32.142857 | 32.142857 | 35.714286 | 35.714286 | 35.714286 | 32.142857 | 32.142857 | 32.142857 | 25 | 3.571429 | 32.142857 | 39.285714 | 21.428571 | 23.214286 | 28.571429 | 28.571429 | 32.727273 | 25 | 30.357143 | 3.571429 | 23.214286 | 28.571429 | 30.357143 | 30.357143 | 35.714286 | 21.428571 | 35.714286 | 3.571429 | 25 | 33.928571 | 30.357143 | 32.142857 | 30.357143 | 30.357143 | 30.357143 | 30.357143 | 37.5 | 35.714286 | 28.571429 | 28.571429 | 28.571429 | 23.214286 | 21.428571 | 21.428571 | 23.214286 | 23.214286 | 23.214286 | 23.214286 | 23.214286 | 28.571429 | 28.571429 | 32.142857 | 21.428571 | 21.428571 |
| NaN | ARHGAP9-1/1 | 0 | 24.137931 | 15.517241 | 14.285714 | 24.137931 | 22.033898 | 15.517241 | 21.052632 | 21.052632 | 22.580645 | 14.035088 | 13.333333 | 10.169492 | 18.333333 | 3.174603 | 7.936508 | 25 | 25 | 14.545455 | 17.241379 | 19.047619 | 25 | 25 | 25 | 25 | 25 | 25 | 14.035088 | 21.666667 | 10.344828 | 14.035088 | 21.666667 | 17.241379 | 7.272727 | 6.349206 | 23.809524 | 17.54386 | 13.559322 | 12.698413 | 20.338983 | 22.033898 | 22.413793 | 14.035088 | 3.448276 | 12.280702 | 3.448276 | 30.645161 | 13.559322 | 14.285714 | 19.047619 | 17.857143 | 26.984127 | 20.967742 | 20.634921 | 21.818182 | 1.587302 | 20.338983 | 12.698413 | 13.793103 | 22.222222 | 12.5 | 5.172414 | 14.516129 | 15.517241 | 14.035088 | 1.587302 | 32.758621 | 16.071429 | 22.95082 | 12.698413 | 3.174603 | 0 | 18.965517 | 24.137931 | 14.285714 | 14.035088 | 26.315789 | 26.785714 | 26.229508 | 6.896552 | 17.857143 | 17.857143 | 14.516129 | 6.896552 | 6.779661 | 16.071429 | 26.984127 | 11.47541 | 24.590164 | 14.285714 | 1.587302 | 1.587302 |
| NaN | ARHGEF7-1/1 | 3 | 39.285714 | 30.357143 | 37.5 | 39.285714 | 33.928571 | 30.357143 | 33.928571 | 33.928571 | 39.285714 | 37.5 | 37.5 | 42.857143 | 39.285714 | 19.642857 | 32.142857 | 33.928571 | 33.928571 | 38.181818 | 28.571429 | 28.571429 | 33.928571 | 33.928571 | 33.928571 | 33.928571 | 33.928571 | 33.928571 | 44.642857 | 39.285714 | 35.714286 | 37.5 | 35.714286 | 28.571429 | 43.636364 | 28.571429 | 96.428571 | 48.214286 | 37.5 | 35.714286 | 92.857143 | 42.857143 | 42.857143 | 37.5 | 39.285714 | 39.285714 | 39.285714 | 26.785714 | 26.785714 | 25 | 25 | 28.571429 | 41.071429 | 35.714286 | 35.714286 | 94.545455 | 26.785714 | 32.142857 | 21.428571 | 44.642857 | 26.785714 | 42.857143 | 42.857143 | 37.5 | 28.571429 | 37.5 | 32.142857 | 26.785714 | 42.857143 | 39.285714 | 35.714286 | 32.142857 | 32.142857 | 32.142857 | 39.285714 | 39.285714 | 37.5 | 37.5 | 35.714286 | 35.714286 | 30.357143 | 28.571429 | 28.571429 | 30.357143 | 30.357143 | 30.357143 | 30.357143 | 41.071429 | 33.928571 | 33.928571 | 39.285714 | 32.142857 | 32.142857 |
| NaN | ASAP1-1/1 | 0 | 24.137931 | 20.689655 | 30.357143 | 24.137931 | 20.338983 | 20.689655 | 21.052632 | 21.052632 | 23.728814 | 31.578947 | 32.20339 | 32.20339 | 16.949153 | 32.20339 | 1.694915 | 21.428571 | 21.428571 | 32.727273 | 22.413793 | 22.033898 | 21.428571 | 21.428571 | 21.428571 | 21.428571 | 21.428571 | 21.428571 | 29.824561 | 27.118644 | 41.37931 | 33.333333 | 23.728814 | 22.413793 | 32.727273 | 33.898305 | 37.288136 | 42.105263 | 30.508475 | 32.20339 | 37.288136 | 37.288136 | 37.931034 | 31.578947 | 32.758621 | 33.333333 | 32.758621 | 23.728814 | 20.338983 | 32.20339 | 27.118644 | 21.428571 | 27.118644 | 23.728814 | 23.728814 | 40 | 25.423729 | 35.59322 | 32.20339 | 29.310345 | 22.033898 | 33.928571 | 32.758621 | 32.20339 | 20.689655 | 31.578947 | 20.338983 | 24.137931 | 32.142857 | 23.728814 | 32.20339 | 22.033898 | 22.033898 | 22.413793 | 24.137931 | 25 | 31.578947 | 24.561404 | 23.214286 | 22.033898 | 20.689655 | 21.428571 | 21.428571 | 20.338983 | 20.689655 | 20.338983 | 21.428571 | 27.118644 | 27.118644 | 20.338983 | 32.20339 | 27.118644 | 27.118644 |
| NaN | ASAP2-1/1 | 0 | 24.137931 | 22.413793 | 25 | 24.137931 | 23.728814 | 22.413793 | 24.561404 | 24.561404 | 23.728814 | 29.824561 | 30.508475 | 30.508475 | 23.728814 | 32.20339 | 27.118644 | 23.214286 | 23.214286 | 30.909091 | 22.413793 | 22.033898 | 23.214286 | 23.214286 | 23.214286 | 23.214286 | 23.214286 | 23.214286 | 35.087719 | 30.508475 | 37.931034 | 29.824561 | 25.423729 | 22.413793 | 34.545455 | 35.59322 | 42.372881 | 38.596491 | 30.508475 | 32.20339 | 42.372881 | 40.677966 | 41.37931 | 29.824561 | 31.034483 | 31.578947 | 31.034483 | 23.728814 | 1.694915 | 32.20339 | 28.813559 | 23.214286 | 30.508475 | 25.423729 | 25.423729 | 45.454545 | 22.033898 | 37.288136 | 32.20339 | 34.482759 | 25.423729 | 32.142857 | 31.034483 | 30.508475 | 22.413793 | 29.824561 | 22.033898 | 24.137931 | 32.142857 | 23.728814 | 32.20339 | 23.728814 | 23.728814 | 24.137931 | 24.137931 | 30.357143 | 29.824561 | 26.315789 | 25 | 23.728814 | 22.413793 | 23.214286 | 23.214286 | 22.033898 | 22.413793 | 22.033898 | 23.214286 | 30.508475 | 25.423729 | 22.033898 | 30.508475 | 25.423729 | 25.423729 |
| NaN | BAIAP2-1/1 | 0 | 20.689655 | 17.241379 | 30.357143 | 20.689655 | 27.118644 | 17.241379 | 22.807018 | 22.807018 | 21.666667 | 29.824561 | 3.333333 | 3.389831 | 20 | 3.333333 | 21.666667 | 23.214286 | 23.214286 | 3.636364 | 18.965517 | 18.333333 | 23.214286 | 23.214286 | 23.214286 | 23.214286 | 23.214286 | 23.214286 | 28.070175 | 23.333333 | 29.310345 | 3.508772 | 26.666667 | 18.965517 | 27.272727 | 25 | 28.333333 | 21.052632 | 3.389831 | 1.666667 | 28.813559 | 32.20339 | 32.758621 | 29.824561 | 1.724138 | 1.754386 | 1.724138 | 23.333333 | 6.779661 | 15 | 18.333333 | 17.857143 | 28.333333 | 28.333333 | 28.333333 | 30.909091 | 0 | 23.728814 | 5 | 27.586207 | 20 | 3.571429 | 24.137931 | 3.333333 | 17.241379 | 29.824561 | 6.666667 | 24.137931 | 23.214286 | 21.666667 | 1.666667 | 16.666667 | 16.666667 | 17.241379 | 20.689655 | 32.142857 | 29.824561 | 22.807018 | 21.428571 | 25 | 20.689655 | 17.857143 | 17.857143 | 21.666667 | 22.413793 | 22.033898 | 17.857143 | 28.333333 | 6.666667 | 23.333333 | 20 | 23.333333 | 23.333333 |
| NaN | BAIAP2L2-1/1 | 0 | 17.241379 | 15.517241 | 23.214286 | 17.241379 | 6.779661 | 15.517241 | 7.017544 | 7.017544 | 16.666667 | 22.807018 | 26.666667 | 6.779661 | 21.666667 | 25 | 1.666667 | 21.428571 | 21.428571 | 27.272727 | 22.413793 | 21.666667 | 21.428571 | 21.428571 | 21.428571 | 21.428571 | 21.428571 | 21.428571 | 5.263158 | 28.333333 | 32.758621 | 28.070175 | 23.333333 | 22.413793 | 25.454545 | 5 | 28.333333 | 22.807018 | 25.423729 | 1.666667 | 28.813559 | 8.474576 | 8.62069 | 22.807018 | 29.310345 | 29.824561 | 29.310345 | 21.666667 | 1.694915 | 1.666667 | 28.333333 | 17.857143 | 21.666667 | 21.666667 | 21.666667 | 30.909091 | 6.666667 | 18.644068 | 3.333333 | 5.172414 | 15 | 7.142857 | 6.896552 | 26.666667 | 15.517241 | 22.807018 | 6.666667 | 22.413793 | 30.357143 | 16.666667 | 1.666667 | 20 | 20 | 1.724138 | 17.241379 | 21.428571 | 22.807018 | 19.298246 | 19.642857 | 18.333333 | 3.448276 | 17.857143 | 17.857143 | 15 | 3.448276 | 15.254237 | 16.071429 | 18.333333 | 6.666667 | 20 | 28.333333 | 23.333333 | 23.333333 |
| NaN | BCAR1-1/1 | 0 | 31.034483 | 34.482759 | 35.714286 | 31.034483 | 22.033898 | 34.482759 | 22.807018 | 22.807018 | 30.508475 | 36.842105 | 35.59322 | 28.813559 | 25.423729 | 8.474576 | 35.59322 | 26.785714 | 26.785714 | 38.181818 | 27.586207 | 27.118644 | 26.785714 | 26.785714 | 26.785714 | 26.785714 | 26.785714 | 26.785714 | 31.578947 | 37.288136 | 31.034483 | 36.842105 | 33.898305 | 27.586207 | 32.727273 | 3.389831 | 30.508475 | 31.578947 | 35.59322 | 38.983051 | 30.508475 | 38.983051 | 39.655172 | 36.842105 | 32.758621 | 33.333333 | 32.758621 | 38.983051 | 23.728814 | 25.423729 | 28.813559 | 33.928571 | 27.118644 | 32.20339 | 32.20339 | 32.727273 | 27.118644 | 32.20339 | 25.423729 | 31.034483 | 23.728814 | 30.357143 | 29.310345 | 35.59322 | 32.758621 | 36.842105 | 3.389831 | 39.655172 | 32.142857 | 30.508475 | 38.983051 | 32.20339 | 32.20339 | 32.758621 | 31.034483 | 30.357143 | 36.842105 | 29.824561 | 28.571429 | 27.118644 | 34.482759 | 33.928571 | 33.928571 | 33.898305 | 34.482759 | 33.898305 | 35.714286 | 27.118644 | 33.898305 | 25.423729 | 32.20339 | 27.118644 | 27.118644 |
| NaN | BIN1-1/1 | 1 | 1.724138 | 1.724138 | 25 | 1.724138 | 25.423729 | 1.724138 | 26.315789 | 26.315789 | 1.612903 | 24.561404 | 21.666667 | 18.644068 | 20 | 98.591549 | 21.126761 | 1.785714 | 1.785714 | 23.636364 | 25.862069 | 26.760563 | 1.785714 | 1.785714 | 1.785714 | 1.785714 | 1.785714 | 1.785714 | 31.578947 | 25 | 31.034483 | 22.807018 | 15 | 25.862069 | 34.545455 | 23.076923 | 18.75 | 31.578947 | 22.033898 | 28.787879 | 20.338983 | 35.59322 | 36.206897 | 24.561404 | 36.206897 | 36.842105 | 36.206897 | 17.741935 | 16.949153 | 2.816901 | 20.895522 | 1.785714 | 5.970149 | 24.193548 | 23.809524 | 21.818182 | 0 | 27.118644 | 1.408451 | 31.034483 | 21.212121 | 19.642857 | 18.965517 | 20.967742 | 15.517241 | 24.561404 | 23.943662 | 18.965517 | 35.714286 | 1.639344 | 29.6875 | 15.873016 | 16.393443 | 17.241379 | 1.724138 | 33.928571 | 24.561404 | 3.508772 | 1.785714 | 3.278689 | 1.724138 | 17.857143 | 17.857143 | 3.225806 | 1.724138 | 1.694915 | 14.285714 | 8.823529 | 29.508197 | 3.278689 | 32.307692 | 1.408451 | 1.408451 |
| NaN | BLK-1/1 | 0 | 57.894737 | 36.842105 | 25 | 57.894737 | 24.561404 | 36.842105 | 24.561404 | 24.561404 | 57.894737 | 26.315789 | 29.824561 | 26.315789 | 31.578947 | 29.824561 | 28.070175 | 55.357143 | 55.357143 | 30.909091 | 15.789474 | 26.315789 | 55.357143 | 55.357143 | 55.357143 | 55.357143 | 55.357143 | 55.357143 | 26.315789 | 40.350877 | 35.087719 | 29.824561 | 49.122807 | 15.789474 | 25.454545 | 8.77193 | 26.315789 | 31.578947 | 29.824561 | 29.824561 | 26.315789 | 31.578947 | 31.578947 | 26.315789 | 28.070175 | 28.070175 | 28.070175 | 33.333333 | 42.105263 | 29.824561 | 31.578947 | 35.714286 | 21.052632 | 56.140351 | 56.140351 | 27.272727 | 33.333333 | 31.578947 | 26.315789 | 26.315789 | 36.842105 | 26.785714 | 26.315789 | 29.824561 | 35.087719 | 26.315789 | 29.824561 | 35.087719 | 25 | 57.894737 | 28.070175 | 38.596491 | 38.596491 | 36.842105 | 57.894737 | 26.785714 | 26.315789 | 56.140351 | 57.142857 | 56.140351 | 36.842105 | 35.714286 | 35.714286 | 36.842105 | 36.842105 | 36.842105 | 37.5 | 21.052632 | 21.052632 | 54.385965 | 28.070175 | 31.578947 | 31.578947 |
| NaN | BTK-1/1 | 0 | 45.614035 | 29.824561 | 26.785714 | 45.614035 | 35.087719 | 29.824561 | 35.087719 | 35.087719 | 45.614035 | 28.070175 | 33.333333 | 35.087719 | 36.842105 | 24.561404 | 42.105263 | 42.857143 | 42.857143 | 34.545455 | 24.561404 | 24.561404 | 42.857143 | 42.857143 | 42.857143 | 42.857143 | 42.857143 | 42.857143 | 31.578947 | 40.350877 | 33.333333 | 33.333333 | 38.596491 | 24.561404 | 30.909091 | 19.298246 | 31.578947 | 22.807018 | 33.333333 | 31.578947 | 31.578947 | 31.578947 | 31.578947 | 28.070175 | 24.561404 | 24.561404 | 24.561404 | 31.578947 | 33.333333 | 24.561404 | 35.087719 | 28.571429 | 19.298246 | 45.614035 | 45.614035 | 32.727273 | 36.842105 | 31.578947 | 26.315789 | 31.578947 | 33.333333 | 35.714286 | 35.087719 | 33.333333 | 28.070175 | 28.070175 | 3.508772 | 31.578947 | 37.5 | 45.614035 | 29.824561 | 31.578947 | 31.578947 | 29.824561 | 45.614035 | 23.214286 | 28.070175 | 40.350877 | 41.071429 | 40.350877 | 29.824561 | 28.571429 | 28.571429 | 29.824561 | 29.824561 | 29.824561 | 30.357143 | 19.298246 | 22.807018 | 42.105263 | 24.561404 | 28.070175 | 28.070175 |
| NaN | BZRAP1-1/3 | 0 | 31.034483 | 22.413793 | 17.857143 | 31.034483 | 25.423729 | 22.413793 | 26.315789 | 26.315789 | 29.032258 | 17.54386 | 16.666667 | 20.338983 | 18.333333 | 6.25 | 21.875 | 25 | 25 | 18.181818 | 18.965517 | 17.1875 | 25 | 25 | 25 | 25 | 25 | 25 | 29.824561 | 23.333333 | 3.448276 | 17.54386 | 1.666667 | 18.965517 | 23.636364 | 3.125 | 21.875 | 26.315789 | 18.644068 | 1.5625 | 30.508475 | 28.813559 | 29.310345 | 17.54386 | 34.482759 | 35.087719 | 34.482759 | 22.580645 | 18.644068 | 23.4375 | 17.1875 | 21.428571 | 21.875 | 22.580645 | 1.587302 | 29.090909 | 3.125 | 28.813559 | 1.5625 | 29.310345 | 12.5 | 21.428571 | 20.689655 | 17.741935 | 20.689655 | 17.54386 | 1.5625 | 15.517241 | 33.928571 | 29.508197 | 1.5625 | 23.809524 | 24.590164 | 25.862069 | 31.034483 | 25 | 17.54386 | 26.315789 | 26.785714 | 24.590164 | 22.413793 | 21.428571 | 21.428571 | 25.806452 | 22.413793 | 27.118644 | 23.214286 | 18.75 | 27.868852 | 22.95082 | 31.25 | 37.5 | 37.5 |
| NaN | BZRAP1-2/3 | 0 | 36.206897 | 25.862069 | 26.785714 | 36.206897 | 22.033898 | 25.862069 | 22.807018 | 22.807018 | 33.870968 | 26.315789 | 30 | 35.59322 | 25 | 7.692308 | 21.538462 | 28.571429 | 28.571429 | 25.454545 | 3.448276 | 12.307692 | 28.571429 | 28.571429 | 28.571429 | 28.571429 | 28.571429 | 28.571429 | 29.824561 | 31.666667 | 36.206897 | 31.578947 | 21.666667 | 3.448276 | 21.818182 | 4.615385 | 26.5625 | 24.561404 | 23.728814 | 30.769231 | 27.118644 | 25.423729 | 34.482759 | 26.315789 | 27.586207 | 28.070175 | 27.586207 | 24.193548 | 5.084746 | 1.538462 | 20 | 25 | 16.923077 | 24.193548 | 23.809524 | 29.090909 | 6.25 | 3.389831 | 3.076923 | 29.310345 | 21.538462 | 37.5 | 36.206897 | 29.032258 | 24.137931 | 26.315789 | 1.538462 | 17.241379 | 21.428571 | 34.42623 | 23.4375 | 22.222222 | 22.95082 | 24.137931 | 36.206897 | 28.571429 | 26.315789 | 29.824561 | 32.142857 | 37.704918 | 25.862069 | 17.857143 | 17.857143 | 24.193548 | 25.862069 | 25.423729 | 19.642857 | 4.615385 | 27.868852 | 34.42623 | 29.230769 | 70.769231 | 70.769231 |
| NaN | BZRAP1-3/3 | 0 | 25.862069 | 15.517241 | 33.928571 | 25.862069 | 22.033898 | 15.517241 | 22.807018 | 22.807018 | 24.193548 | 28.070175 | 23.333333 | 35.59322 | 23.333333 | 6.25 | 25 | 28.571429 | 28.571429 | 25.454545 | 20.689655 | 18.75 | 28.571429 | 28.571429 | 28.571429 | 28.571429 | 28.571429 | 28.571429 | 45.614035 | 30 | 32.758621 | 24.561404 | 1.666667 | 20.689655 | 27.272727 | 4.6875 | 31.25 | 29.824561 | 23.728814 | 31.25 | 28.813559 | 38.983051 | 39.655172 | 28.070175 | 29.310345 | 29.824561 | 29.310345 | 25.806452 | 0 | 0 | 6.25 | 3.571429 | 1.5625 | 11.290323 | 11.111111 | 30.909091 | 1.5625 | 27.118644 | 0 | 44.827586 | 3.125 | 37.5 | 36.206897 | 22.580645 | 1.724138 | 28.070175 | 1.5625 | 25.862069 | 35.714286 | 24.590164 | 29.6875 | 20.634921 | 21.311475 | 22.413793 | 25.862069 | 33.928571 | 28.070175 | 26.315789 | 26.785714 | 24.590164 | 1.724138 | 3.571429 | 3.571429 | 20.967742 | 20.689655 | 20.338983 | 16.071429 | 25 | 21.311475 | 26.229508 | 26.5625 | 53.125 | 53.125 |
| NaN | CD2AP-1/3 | 4 | 26.315789 | 24.561404 | 30.357143 | 26.315789 | 24.561404 | 24.561404 | 24.561404 | 24.561404 | 26.315789 | 31.578947 | 31.578947 | 31.578947 | 21.052632 | 35.087719 | 19.298246 | 26.785714 | 26.785714 | 32.727273 | 24.561404 | 24.561404 | 26.785714 | 26.785714 | 26.785714 | 26.785714 | 26.785714 | 26.785714 | 31.578947 | 29.824561 | 36.842105 | 31.578947 | 24.561404 | 24.561404 | 32.727273 | 15.789474 | 38.596491 | 68.421053 | 31.578947 | 35.087719 | 36.842105 | 45.614035 | 45.614035 | 31.578947 | 100 | 100 | 100 | 26.315789 | 28.070175 | 26.315789 | 29.824561 | 23.214286 | 31.578947 | 21.052632 | 21.052632 | 38.181818 | 19.298246 | 38.596491 | 33.333333 | 31.578947 | 26.315789 | 32.142857 | 31.578947 | 31.578947 | 22.807018 | 31.578947 | 35.087719 | 26.315789 | 42.857143 | 26.315789 | 36.842105 | 22.807018 | 22.807018 | 22.807018 | 26.315789 | 37.5 | 31.578947 | 29.824561 | 28.571429 | 28.070175 | 26.315789 | 23.214286 | 23.214286 | 24.561404 | 24.561404 | 24.561404 | 25 | 31.578947 | 28.070175 | 26.315789 | 100 | 31.578947 | 31.578947 |
| NaN | CD2AP-2/3 | 1 | 26.785714 | 17.857143 | 30.357143 | 26.785714 | 30.357143 | 17.857143 | 30.357143 | 30.357143 | 26.785714 | 30.357143 | 35.714286 | 30.357143 | 23.214286 | 35.714286 | 28.571429 | 26.785714 | 26.785714 | 34.545455 | 26.785714 | 26.785714 | 26.785714 | 26.785714 | 26.785714 | 26.785714 | 26.785714 | 26.785714 | 39.285714 | 26.785714 | 32.142857 | 35.714286 | 32.142857 | 26.785714 | 43.636364 | 23.214286 | 41.071429 | 42.857143 | 33.928571 | 32.142857 | 41.071429 | 41.071429 | 41.071429 | 30.357143 | 42.857143 | 42.857143 | 42.857143 | 26.785714 | 21.428571 | 23.214286 | 32.142857 | 16.071429 | 21.428571 | 28.571429 | 28.571429 | 41.818182 | 16.071429 | 32.142857 | 26.785714 | 39.285714 | 23.214286 | 30.357143 | 30.357143 | 35.714286 | 16.071429 | 30.357143 | 25 | 26.785714 | 100 | 26.785714 | 32.142857 | 25 | 25 | 23.214286 | 26.785714 | 26.785714 | 30.357143 | 28.571429 | 26.785714 | 26.785714 | 17.857143 | 16.071429 | 16.071429 | 17.857143 | 17.857143 | 17.857143 | 17.857143 | 21.428571 | 28.571429 | 26.785714 | 42.857143 | 25 | 25 |
| NaN | CD2AP-3/3 | 0 | 25.862069 | 15.517241 | 32.142857 | 25.862069 | 32.758621 | 15.517241 | 33.333333 | 33.333333 | 25.862069 | 31.578947 | 32.758621 | 31.034483 | 20.689655 | 32.758621 | 31.034483 | 25 | 25 | 34.545455 | 25.862069 | 25.862069 | 25 | 25 | 25 | 25 | 25 | 25 | 36.842105 | 29.310345 | 36.206897 | 33.333333 | 32.758621 | 25.862069 | 41.818182 | 31.034483 | 43.103448 | 47.368421 | 32.758621 | 32.758621 | 43.103448 | 44.827586 | 44.827586 | 31.578947 | 43.103448 | 43.859649 | 43.103448 | 25.862069 | 17.241379 | 20.689655 | 25.862069 | 12.5 | 22.413793 | 25.862069 | 25.862069 | 45.454545 | 17.241379 | 25.862069 | 24.137931 | 36.206897 | 18.965517 | 32.142857 | 31.034483 | 32.758621 | 13.793103 | 31.578947 | 17.241379 | 25.862069 | 48.214286 | 25.862069 | 32.758621 | 25.862069 | 25.862069 | 25.862069 | 25.862069 | 21.428571 | 31.578947 | 26.315789 | 25 | 24.137931 | 15.517241 | 14.285714 | 14.285714 | 15.517241 | 15.517241 | 15.517241 | 16.071429 | 22.413793 | 22.413793 | 24.137931 | 43.103448 | 25.862069 | 25.862069 |
| NaN | CRK-1/2 | 3 | 35.087719 | 22.807018 | 33.928571 | 35.087719 | 98.245614 | 22.807018 | 98.245614 | 98.245614 | 35.087719 | 33.333333 | 29.824561 | 35.087719 | 38.596491 | 26.315789 | 38.596491 | 39.285714 | 39.285714 | 30.909091 | 26.315789 | 26.315789 | 39.285714 | 39.285714 | 39.285714 | 39.285714 | 39.285714 | 39.285714 | 36.842105 | 36.842105 | 31.578947 | 29.824561 | 33.333333 | 26.315789 | 32.727273 | 19.298246 | 33.333333 | 22.807018 | 29.824561 | 24.561404 | 33.333333 | 35.087719 | 35.087719 | 33.333333 | 24.561404 | 24.561404 | 24.561404 | 33.333333 | 26.315789 | 24.561404 | 31.578947 | 23.214286 | 24.561404 | 33.333333 | 33.333333 | 34.545455 | 26.315789 | 22.807018 | 26.315789 | 36.842105 | 28.070175 | 35.714286 | 35.087719 | 29.824561 | 22.807018 | 33.333333 | 38.596491 | 33.333333 | 30.357143 | 35.087719 | 24.561404 | 24.561404 | 24.561404 | 24.561404 | 35.087719 | 26.785714 | 33.333333 | 38.596491 | 41.071429 | 40.350877 | 22.807018 | 23.214286 | 23.214286 | 22.807018 | 22.807018 | 22.807018 | 23.214286 | 24.561404 | 33.333333 | 38.596491 | 24.561404 | 26.315789 | 26.315789 |
| NaN | CTTN-1/1\* | 2 | 33.928571 | 28.571429 | 35.714286 | 33.928571 | 25 | 28.571429 | 25 | 25 | 33.928571 | 37.5 | 35.714286 | 35.714286 | 28.571429 | 33.928571 | 28.571429 | 30.357143 | 30.357143 | 36.363636 | 26.785714 | 26.785714 | 30.357143 | 30.357143 | 30.357143 | 30.357143 | 30.357143 | 30.357143 | 35.714286 | 42.857143 | 35.714286 | 35.714286 | 26.785714 | 26.785714 | 47.272727 | 25 | 35.714286 | 46.428571 | 35.714286 | 98.214286 | 35.714286 | 39.285714 | 39.285714 | 37.5 | 35.714286 | 35.714286 | 35.714286 | 32.142857 | 25 | 30.357143 | 30.357143 | 26.785714 | 30.357143 | 32.142857 | 32.142857 | 36.363636 | 21.428571 | 51.785714 | 25 | 35.714286 | 39.285714 | 35.714286 | 35.714286 | 35.714286 | 26.785714 | 37.5 | 35.714286 | 32.142857 | 32.142857 | 33.928571 | 96.428571 | 25 | 25 | 25 | 33.928571 | 48.214286 | 37.5 | 33.928571 | 32.142857 | 32.142857 | 28.571429 | 26.785714 | 26.785714 | 28.571429 | 28.571429 | 28.571429 | 28.571429 | 30.357143 | 33.928571 | 30.357143 | 35.714286 | 28.571429 | 28.571429 |
| NaN | DNMBP-6/6 | 3 | 32.758621 | 36.206897 | 37.5 | 32.758621 | 23.728814 | 36.206897 | 24.561404 | 24.561404 | 31.666667 | 38.596491 | 25 | 20.338983 | 28.333333 | 16.666667 | 33.333333 | 32.142857 | 32.142857 | 27.272727 | 18.965517 | 18.333333 | 32.142857 | 32.142857 | 32.142857 | 32.142857 | 32.142857 | 32.142857 | 22.807018 | 26.666667 | 27.586207 | 26.315789 | 33.333333 | 18.965517 | 29.090909 | 18.333333 | 30 | 22.807018 | 25.423729 | 23.333333 | 30.508475 | 33.898305 | 34.482759 | 38.596491 | 22.413793 | 22.807018 | 22.413793 | 28.333333 | 27.118644 | 33.333333 | 26.666667 | 35.714286 | 15 | 30 | 30 | 32.727273 | 30 | 37.288136 | 23.333333 | 22.413793 | 28.333333 | 21.428571 | 20.689655 | 25 | 34.482759 | 38.596491 | 5 | 29.310345 | 25 | 31.666667 | 23.333333 | 100 | 100 | 100 | 32.758621 | 23.214286 | 38.596491 | 31.578947 | 32.142857 | 30 | 34.482759 | 35.714286 | 35.714286 | 35 | 36.206897 | 35.59322 | 37.5 | 15 | 25 | 30 | 21.666667 | 23.333333 | 23.333333 |
| NaN | EPS8-1/1 | 0 | 30.357143 | 28.571429 | 33.928571 | 30.357143 | 28.571429 | 28.571429 | 28.571429 | 28.571429 | 30.357143 | 35.714286 | 25 | 23.214286 | 28.571429 | 3.571429 | 37.5 | 23.214286 | 23.214286 | 25.454545 | 16.071429 | 16.071429 | 23.214286 | 23.214286 | 23.214286 | 23.214286 | 23.214286 | 23.214286 | 17.857143 | 26.785714 | 23.214286 | 25 | 21.428571 | 16.071429 | 20 | 3.571429 | 23.214286 | 19.642857 | 25 | 25 | 23.214286 | 23.214286 | 23.214286 | 35.714286 | 19.642857 | 19.642857 | 19.642857 | 23.214286 | 37.5 | 26.785714 | 28.571429 | 26.785714 | 23.214286 | 30.357143 | 30.357143 | 23.636364 | 53.571429 | 23.214286 | 30.357143 | 17.857143 | 30.357143 | 23.214286 | 23.214286 | 25 | 26.785714 | 35.714286 | 1.785714 | 23.214286 | 19.642857 | 30.357143 | 25 | 32.142857 | 32.142857 | 32.142857 | 30.357143 | 21.428571 | 35.714286 | 23.214286 | 23.214286 | 23.214286 | 28.571429 | 26.785714 | 26.785714 | 28.571429 | 28.571429 | 28.571429 | 28.571429 | 23.214286 | 28.571429 | 23.214286 | 19.642857 | 0 | 0 |
| NaN | EPS8L1-1/1-IS1/2 | 1 | 30.357143 | 28.571429 | 30.357143 | 30.357143 | 26.785714 | 28.571429 | 26.785714 | 26.785714 | 30.357143 | 32.142857 | 32.142857 | 30.357143 | 23.214286 | 5.357143 | 25 | 26.785714 | 26.785714 | 32.727273 | 23.214286 | 23.214286 | 26.785714 | 26.785714 | 26.785714 | 26.785714 | 26.785714 | 26.785714 | 28.571429 | 26.785714 | 32.142857 | 32.142857 | 25 | 23.214286 | 18.181818 | 7.142857 | 26.785714 | 17.857143 | 32.142857 | 21.428571 | 26.785714 | 26.785714 | 26.785714 | 32.142857 | 19.642857 | 19.642857 | 19.642857 | 26.785714 | 37.5 | 23.214286 | 21.428571 | 26.785714 | 1.785714 | 35.714286 | 35.714286 | 27.272727 | 100 | 23.214286 | 19.642857 | 28.571429 | 30.357143 | 28.571429 | 28.571429 | 32.142857 | 26.785714 | 32.142857 | 5.357143 | 26.785714 | 16.071429 | 30.357143 | 21.428571 | 32.142857 | 32.142857 | 32.142857 | 30.357143 | 19.642857 | 32.142857 | 25 | 25 | 25 | 28.571429 | 26.785714 | 26.785714 | 28.571429 | 28.571429 | 28.571429 | 28.571429 | 1.785714 | 19.642857 | 26.785714 | 19.642857 | 5.357143 | 5.357143 |
| NaN | FGR-1/1 | 5 | 81.034483 | 39.655172 | 33.928571 | 81.034483 | 37.931034 | 39.655172 | 38.596491 | 38.596491 | 82.758621 | 35.087719 | 41.37931 | 34.482759 | 34.482759 | 1.724138 | 32.758621 | 69.642857 | 69.642857 | 43.636364 | 24.137931 | 24.137931 | 69.642857 | 69.642857 | 69.642857 | 69.642857 | 69.642857 | 69.642857 | 29.824561 | 29.310345 | 34.482759 | 42.105263 | 48.275862 | 24.137931 | 38.181818 | 24.137931 | 36.206897 | 31.578947 | 41.37931 | 29.310345 | 36.206897 | 37.931034 | 37.931034 | 35.087719 | 29.310345 | 29.824561 | 29.310345 | 34.482759 | 32.758621 | 27.586207 | 27.586207 | 39.285714 | 25.862069 | 53.448276 | 53.448276 | 38.181818 | 24.137931 | 32.758621 | 31.034483 | 29.310345 | 37.931034 | 33.928571 | 32.758621 | 41.37931 | 37.931034 | 35.087719 | 25.862069 | 34.482759 | 28.571429 | 82.758621 | 31.034483 | 27.586207 | 27.586207 | 27.586207 | 81.034483 | 30.357143 | 35.087719 | 71.929825 | 69.642857 | 68.965517 | 39.655172 | 39.285714 | 39.285714 | 39.655172 | 39.655172 | 39.655172 | 41.071429 | 25.862069 | 24.137931 | 68.965517 | 29.310345 | 27.586207 | 27.586207 |
| NaN | FYB-2/2 | 0 | 18.965517 | 15.517241 | 19.642857 | 18.965517 | 18.644068 | 15.517241 | 19.298246 | 19.298246 | 22.580645 | 19.298246 | 3.333333 | 1.694915 | 18.333333 | 6.578947 | 1.408451 | 23.214286 | 23.214286 | 3.636364 | 5.172414 | 11.842105 | 23.214286 | 23.214286 | 23.214286 | 23.214286 | 23.214286 | 23.214286 | 0 | 3.333333 | 15.517241 | 3.508772 | 18.333333 | 5.172414 | 1.818182 | 18.461538 | 3.125 | 1.754386 | 3.389831 | 7.575758 | 6.779661 | 3.389831 | 6.896552 | 19.298246 | 5.172414 | 5.263158 | 5.172414 | 8.064516 | 22.033898 | 18.421053 | 2.985075 | 16.071429 | 11.940299 | 16.129032 | 15.873016 | 3.636364 | 4.6875 | 1.694915 | 5.263158 | 5.172414 | 3.030303 | 1.785714 | 1.724138 | 11.290323 | 15.517241 | 19.298246 | 3.947368 | 8.62069 | 5.357143 | 18.032787 | 7.8125 | 20.634921 | 21.311475 | 22.413793 | 18.965517 | 3.571429 | 19.298246 | 22.807018 | 23.214286 | 21.311475 | 15.517241 | 16.071429 | 16.071429 | 14.516129 | 15.517241 | 15.254237 | 16.071429 | 11.764706 | 1.639344 | 21.311475 | 1.538462 | 2.739726 | 2.739726 |
| NaN | FYN-1/1 | 5 | 98.275862 | 41.37931 | 32.142857 | 98.275862 | 34.482759 | 41.37931 | 35.087719 | 35.087719 | 100 | 33.333333 | 43.103448 | 32.758621 | 31.034483 | 1.724138 | 34.482759 | 76.785714 | 76.785714 | 45.454545 | 24.137931 | 24.137931 | 76.785714 | 76.785714 | 76.785714 | 76.785714 | 76.785714 | 76.785714 | 29.824561 | 32.758621 | 34.482759 | 43.859649 | 51.724138 | 24.137931 | 34.545455 | 24.137931 | 36.206897 | 28.070175 | 43.103448 | 32.758621 | 36.206897 | 34.482759 | 34.482759 | 33.333333 | 25.862069 | 26.315789 | 25.862069 | 32.758621 | 34.482759 | 29.310345 | 25.862069 | 41.071429 | 27.586207 | 60.344828 | 60.344828 | 38.181818 | 29.310345 | 31.034483 | 27.586207 | 29.310345 | 46.551724 | 32.142857 | 31.034483 | 43.103448 | 39.655172 | 33.333333 | 34.482759 | 32.758621 | 26.785714 | 100 | 31.034483 | 32.758621 | 32.758621 | 32.758621 | 98.275862 | 33.928571 | 33.333333 | 78.947368 | 76.785714 | 75.862069 | 41.37931 | 41.071429 | 41.071429 | 41.37931 | 41.37931 | 41.37931 | 42.857143 | 27.586207 | 24.137931 | 75.862069 | 25.862069 | 31.034483 | 31.034483 |
| NaN | GRAP-2/2 | 0 | 33.928571 | 26.785714 | 39.285714 | 33.928571 | 35.714286 | 26.785714 | 33.928571 | 33.928571 | 33.928571 | 39.285714 | 41.071429 | 50 | 28.571429 | 21.428571 | 32.142857 | 26.785714 | 26.785714 | 41.818182 | 25 | 25 | 26.785714 | 26.785714 | 26.785714 | 26.785714 | 26.785714 | 26.785714 | 44.642857 | 41.071429 | 32.142857 | 41.071429 | 26.785714 | 25 | 36.363636 | 26.785714 | 35.714286 | 33.928571 | 41.071429 | 39.285714 | 35.714286 | 33.928571 | 33.928571 | 39.285714 | 28.571429 | 28.571429 | 28.571429 | 26.785714 | 21.428571 | 25 | 23.214286 | 26.785714 | 37.5 | 32.142857 | 32.142857 | 36.363636 | 26.785714 | 33.928571 | 21.428571 | 44.642857 | 26.785714 | 48.214286 | 48.214286 | 41.071429 | 26.785714 | 39.285714 | 0 | 26.785714 | 26.785714 | 33.928571 | 39.285714 | 26.785714 | 26.785714 | 26.785714 | 33.928571 | 37.5 | 39.285714 | 28.571429 | 28.571429 | 28.571429 | 26.785714 | 26.785714 | 26.785714 | 26.785714 | 26.785714 | 26.785714 | 26.785714 | 37.5 | 39.285714 | 26.785714 | 28.571429 | 32.142857 | 32.142857 |
| NaN | GRAP2-2/2 | 5 | 44.642857 | 35.714286 | 37.5 | 44.642857 | 28.571429 | 35.714286 | 28.571429 | 28.571429 | 44.642857 | 37.5 | 94.642857 | 46.428571 | 25 | 23.214286 | 33.928571 | 32.142857 | 32.142857 | 94.545455 | 32.142857 | 32.142857 | 32.142857 | 32.142857 | 32.142857 | 32.142857 | 32.142857 | 32.142857 | 41.071429 | 42.857143 | 53.571429 | 94.642857 | 33.928571 | 32.142857 | 32.727273 | 21.428571 | 33.928571 | 32.142857 | 92.857143 | 37.5 | 33.928571 | 39.285714 | 39.285714 | 37.5 | 32.142857 | 32.142857 | 32.142857 | 28.571429 | 30.357143 | 32.142857 | 32.142857 | 33.928571 | 28.571429 | 37.5 | 37.5 | 34.545455 | 32.142857 | 39.285714 | 32.142857 | 41.071429 | 33.928571 | 44.642857 | 44.642857 | 94.642857 | 33.928571 | 37.5 | 21.428571 | 28.571429 | 33.928571 | 44.642857 | 37.5 | 26.785714 | 26.785714 | 26.785714 | 44.642857 | 28.571429 | 37.5 | 33.928571 | 32.142857 | 32.142857 | 33.928571 | 33.928571 | 33.928571 | 35.714286 | 35.714286 | 35.714286 | 35.714286 | 28.571429 | 32.142857 | 32.142857 | 32.142857 | 28.571429 | 28.571429 |
| NaN | GRB2-1/2 | 5 | 33.333333 | 33.333333 | 96.428571 | 33.333333 | 33.333333 | 33.333333 | 33.333333 | 33.333333 | 33.333333 | 100 | 35.087719 | 35.087719 | 43.859649 | 22.807018 | 38.596491 | 32.142857 | 32.142857 | 36.363636 | 24.561404 | 24.561404 | 32.142857 | 32.142857 | 32.142857 | 32.142857 | 32.142857 | 32.142857 | 35.087719 | 33.333333 | 35.087719 | 35.087719 | 36.842105 | 24.561404 | 27.272727 | 21.052632 | 35.087719 | 33.333333 | 35.087719 | 36.842105 | 35.087719 | 36.842105 | 36.842105 | 100 | 31.578947 | 31.578947 | 31.578947 | 33.333333 | 31.578947 | 28.070175 | 31.578947 | 32.142857 | 33.333333 | 31.578947 | 31.578947 | 36.363636 | 31.578947 | 31.578947 | 26.315789 | 35.087719 | 31.578947 | 35.714286 | 35.087719 | 35.087719 | 31.578947 | 100 | 17.54386 | 33.333333 | 30.357143 | 33.333333 | 38.596491 | 38.596491 | 38.596491 | 38.596491 | 33.333333 | 33.928571 | 100 | 33.333333 | 32.142857 | 33.333333 | 33.333333 | 32.142857 | 32.142857 | 33.333333 | 33.333333 | 33.333333 | 33.928571 | 33.333333 | 43.859649 | 33.333333 | 31.578947 | 26.315789 | 26.315789 |
| NaN | GRB2-2/2 | 3 | 33.928571 | 32.142857 | 37.5 | 33.928571 | 35.714286 | 32.142857 | 35.714286 | 35.714286 | 33.928571 | 35.714286 | 46.428571 | 100 | 32.142857 | 19.642857 | 32.142857 | 32.142857 | 32.142857 | 47.272727 | 21.428571 | 21.428571 | 32.142857 | 32.142857 | 32.142857 | 32.142857 | 32.142857 | 32.142857 | 57.142857 | 42.857143 | 50 | 46.428571 | 28.571429 | 21.428571 | 36.363636 | 25 | 41.071429 | 32.142857 | 46.428571 | 35.714286 | 41.071429 | 39.285714 | 39.285714 | 35.714286 | 32.142857 | 32.142857 | 32.142857 | 25 | 28.571429 | 25 | 26.785714 | 28.571429 | 32.142857 | 30.357143 | 30.357143 | 41.818182 | 30.357143 | 39.285714 | 21.428571 | 57.142857 | 25 | 98.214286 | 98.214286 | 46.428571 | 30.357143 | 35.714286 | 5.357143 | 25 | 30.357143 | 33.928571 | 35.714286 | 21.428571 | 21.428571 | 21.428571 | 33.928571 | 35.714286 | 35.714286 | 30.357143 | 30.357143 | 30.357143 | 32.142857 | 30.357143 | 30.357143 | 32.142857 | 32.142857 | 32.142857 | 32.142857 | 32.142857 | 35.714286 | 32.142857 | 32.142857 | 39.285714 | 39.285714 |
| NaN | ITK-1/1 | 0 | 35.087719 | 22.807018 | 25 | 35.087719 | 28.070175 | 22.807018 | 28.070175 | 28.070175 | 35.087719 | 26.315789 | 31.578947 | 29.824561 | 21.052632 | 22.807018 | 31.578947 | 28.571429 | 28.571429 | 32.727273 | 26.315789 | 26.315789 | 28.571429 | 28.571429 | 28.571429 | 28.571429 | 28.571429 | 28.571429 | 29.824561 | 24.561404 | 29.824561 | 31.578947 | 26.315789 | 26.315789 | 25.454545 | 24.561404 | 28.070175 | 26.315789 | 31.578947 | 24.561404 | 28.070175 | 28.070175 | 28.070175 | 26.315789 | 24.561404 | 24.561404 | 24.561404 | 35.087719 | 43.859649 | 22.807018 | 17.54386 | 23.214286 | 19.298246 | 28.070175 | 28.070175 | 29.090909 | 35.087719 | 24.561404 | 22.807018 | 29.824561 | 28.070175 | 30.357143 | 29.824561 | 31.578947 | 22.807018 | 26.315789 | 7.017544 | 35.087719 | 23.214286 | 35.087719 | 26.315789 | 29.824561 | 29.824561 | 29.824561 | 35.087719 | 23.214286 | 26.315789 | 28.070175 | 28.571429 | 28.070175 | 22.807018 | 23.214286 | 23.214286 | 22.807018 | 22.807018 | 22.807018 | 23.214286 | 19.298246 | 17.54386 | 28.070175 | 24.561404 | 14.035088 | 14.035088 |
| NaN | ITSN1-1/5-IS3/3 | 0 | 25.862069 | 24.137931 | 32.142857 | 25.862069 | 29.310345 | 24.137931 | 29.824561 | 29.824561 | 25.862069 | 35.087719 | 39.655172 | 31.034483 | 20.689655 | 34.482759 | 29.310345 | 25 | 25 | 41.818182 | 36.206897 | 36.206897 | 25 | 25 | 25 | 25 | 25 | 25 | 26.315789 | 27.586207 | 31.034483 | 40.350877 | 29.310345 | 36.206897 | 32.727273 | 1.724138 | 36.206897 | 29.824561 | 39.655172 | 36.206897 | 36.206897 | 41.37931 | 41.37931 | 35.087719 | 37.931034 | 38.596491 | 37.931034 | 29.310345 | 18.965517 | 22.413793 | 27.586207 | 23.214286 | 5.172414 | 29.310345 | 29.310345 | 38.181818 | 20.689655 | 22.413793 | 22.413793 | 25.862069 | 25.862069 | 32.142857 | 31.034483 | 39.655172 | 22.413793 | 35.087719 | 41.37931 | 29.310345 | 30.357143 | 25.862069 | 36.206897 | 31.034483 | 31.034483 | 31.034483 | 25.862069 | 28.571429 | 35.087719 | 26.315789 | 25 | 24.137931 | 29.310345 | 23.214286 | 23.214286 | 24.137931 | 24.137931 | 24.137931 | 25 | 18.965517 | 32.758621 | 24.137931 | 37.931034 | 24.137931 | 24.137931 |
| NaN | ITSN1-2/5 | 0 | 25.454545 | 27.272727 | 30.909091 | 25.454545 | 21.818182 | 27.272727 | 21.818182 | 21.818182 | 25.454545 | 30.909091 | 32.727273 | 36.363636 | 23.636364 | 25.454545 | 18.181818 | 23.636364 | 23.636364 | 32.727273 | 21.818182 | 21.818182 | 23.636364 | 23.636364 | 23.636364 | 23.636364 | 23.636364 | 23.636364 | 32.727273 | 43.636364 | 38.181818 | 32.727273 | 29.090909 | 21.818182 | 36.363636 | 36.363636 | 36.363636 | 29.090909 | 32.727273 | 40 | 34.545455 | 38.181818 | 38.181818 | 30.909091 | 29.090909 | 29.090909 | 29.090909 | 30.909091 | 23.636364 | 30.909091 | 25.454545 | 27.272727 | 29.090909 | 30.909091 | 30.909091 | 34.545455 | 23.636364 | 45.454545 | 25.454545 | 32.727273 | 34.545455 | 36.363636 | 36.363636 | 32.727273 | 27.272727 | 30.909091 | 21.818182 | 30.909091 | 25.454545 | 25.454545 | 40 | 32.727273 | 32.727273 | 32.727273 | 25.454545 | 27.272727 | 30.909091 | 21.818182 | 21.818182 | 21.818182 | 29.090909 | 27.272727 | 27.272727 | 27.272727 | 27.272727 | 27.272727 | 27.272727 | 29.090909 | 30.909091 | 23.636364 | 29.090909 | 25.454545 | 25.454545 |
| NaN | ITSN1-3/5 | 0 | 34.545455 | 25.454545 | 29.090909 | 34.545455 | 25.454545 | 25.454545 | 25.454545 | 25.454545 | 36.363636 | 30.909091 | 34.545455 | 32.727273 | 32.727273 | 23.636364 | 27.272727 | 38.181818 | 38.181818 | 34.545455 | 25.454545 | 29.090909 | 38.181818 | 38.181818 | 38.181818 | 38.181818 | 38.181818 | 38.181818 | 40 | 47.272727 | 36.363636 | 34.545455 | 32.727273 | 25.454545 | 38.181818 | 30.909091 | 40 | 34.545455 | 34.545455 | 30.909091 | 40 | 38.181818 | 38.181818 | 30.909091 | 29.090909 | 29.090909 | 29.090909 | 32.727273 | 23.636364 | 18.181818 | 25.454545 | 23.636364 | 27.272727 | 40 | 40 | 40 | 20 | 40 | 1.818182 | 40 | 27.272727 | 32.727273 | 32.727273 | 34.545455 | 23.636364 | 30.909091 | 18.181818 | 32.727273 | 29.090909 | 36.363636 | 32.727273 | 25.454545 | 25.454545 | 25.454545 | 34.545455 | 27.272727 | 30.909091 | 40 | 38.181818 | 40 | 25.454545 | 23.636364 | 23.636364 | 25.454545 | 25.454545 | 25.454545 | 25.454545 | 27.272727 | 25.454545 | 40 | 29.090909 | 32.727273 | 32.727273 |
| NaN | ITSN1-5/5 | 0 | 37.5 | 26.785714 | 42.857143 | 37.5 | 28.571429 | 26.785714 | 28.571429 | 28.571429 | 37.5 | 44.642857 | 37.5 | 42.857143 | 28.571429 | 25 | 37.5 | 33.928571 | 33.928571 | 38.181818 | 19.642857 | 26.785714 | 33.928571 | 33.928571 | 33.928571 | 33.928571 | 33.928571 | 33.928571 | 42.857143 | 41.071429 | 42.857143 | 37.5 | 35.714286 | 19.642857 | 45.454545 | 32.142857 | 41.071429 | 46.428571 | 37.5 | 41.071429 | 41.071429 | 46.428571 | 46.428571 | 44.642857 | 44.642857 | 44.642857 | 44.642857 | 39.285714 | 33.928571 | 28.571429 | 26.785714 | 25 | 28.571429 | 37.5 | 37.5 | 41.818182 | 26.785714 | 44.642857 | 25 | 42.857143 | 30.357143 | 42.857143 | 42.857143 | 37.5 | 25 | 44.642857 | 30.357143 | 39.285714 | 39.285714 | 37.5 | 42.857143 | 35.714286 | 35.714286 | 33.928571 | 37.5 | 35.714286 | 44.642857 | 33.928571 | 32.142857 | 32.142857 | 26.785714 | 25 | 25 | 26.785714 | 26.785714 | 26.785714 | 26.785714 | 28.571429 | 33.928571 | 33.928571 | 44.642857 | 30.357143 | 30.357143 |
| NaN | ITSN2-1/5 | 0 | 31.034483 | 24.137931 | 32.142857 | 31.034483 | 31.034483 | 24.137931 | 31.578947 | 31.578947 | 31.034483 | 35.087719 | 39.655172 | 32.758621 | 24.137931 | 29.310345 | 31.034483 | 30.357143 | 30.357143 | 41.818182 | 31.034483 | 31.034483 | 30.357143 | 30.357143 | 30.357143 | 30.357143 | 30.357143 | 30.357143 | 31.578947 | 32.758621 | 32.758621 | 40.350877 | 31.034483 | 31.034483 | 41.818182 | 17.241379 | 43.103448 | 31.578947 | 39.655172 | 39.655172 | 43.103448 | 37.931034 | 37.931034 | 35.087719 | 36.206897 | 36.842105 | 36.206897 | 24.137931 | 18.965517 | 22.413793 | 24.137931 | 23.214286 | 22.413793 | 32.758621 | 32.758621 | 45.454545 | 25.862069 | 25.862069 | 3.448276 | 31.034483 | 22.413793 | 33.928571 | 32.758621 | 39.655172 | 22.413793 | 35.087719 | 20.689655 | 24.137931 | 32.142857 | 31.034483 | 39.655172 | 31.034483 | 31.034483 | 31.034483 | 31.034483 | 41.071429 | 35.087719 | 31.578947 | 30.357143 | 29.310345 | 24.137931 | 23.214286 | 23.214286 | 24.137931 | 24.137931 | 24.137931 | 25 | 22.413793 | 29.310345 | 29.310345 | 36.206897 | 24.137931 | 24.137931 |
| NaN | ITSN2-2/5 | 0 | 25.454545 | 29.090909 | 34.545455 | 25.454545 | 27.272727 | 29.090909 | 27.272727 | 27.272727 | 25.454545 | 34.545455 | 30.909091 | 36.363636 | 25.454545 | 32.727273 | 18.181818 | 21.818182 | 21.818182 | 30.909091 | 25.454545 | 25.454545 | 21.818182 | 21.818182 | 21.818182 | 21.818182 | 21.818182 | 21.818182 | 32.727273 | 41.818182 | 40 | 30.909091 | 25.454545 | 25.454545 | 32.727273 | 32.727273 | 38.181818 | 32.727273 | 30.909091 | 36.363636 | 36.363636 | 36.363636 | 36.363636 | 34.545455 | 32.727273 | 32.727273 | 32.727273 | 30.909091 | 25.454545 | 32.727273 | 25.454545 | 29.090909 | 34.545455 | 30.909091 | 30.909091 | 36.363636 | 20 | 36.363636 | 27.272727 | 32.727273 | 30.909091 | 36.363636 | 36.363636 | 30.909091 | 29.090909 | 34.545455 | 25.454545 | 30.909091 | 27.272727 | 25.454545 | 36.363636 | 27.272727 | 27.272727 | 27.272727 | 25.454545 | 23.636364 | 34.545455 | 21.818182 | 21.818182 | 21.818182 | 29.090909 | 29.090909 | 29.090909 | 29.090909 | 29.090909 | 29.090909 | 29.090909 | 34.545455 | 34.545455 | 21.818182 | 32.727273 | 23.636364 | 23.636364 |
| NaN | ITSN2-3/5 | 0 | 34.545455 | 30.909091 | 25.454545 | 34.545455 | 25.454545 | 30.909091 | 25.454545 | 25.454545 | 36.363636 | 27.272727 | 34.545455 | 34.545455 | 30.909091 | 3.636364 | 3.636364 | 38.181818 | 38.181818 | 34.545455 | 21.818182 | 34.545455 | 38.181818 | 38.181818 | 38.181818 | 38.181818 | 38.181818 | 38.181818 | 41.818182 | 41.818182 | 40 | 34.545455 | 40 | 21.818182 | 38.181818 | 38.181818 | 34.545455 | 36.363636 | 34.545455 | 30.909091 | 34.545455 | 40 | 40 | 27.272727 | 38.181818 | 38.181818 | 38.181818 | 34.545455 | 27.272727 | 23.636364 | 23.636364 | 29.090909 | 36.363636 | 36.363636 | 36.363636 | 34.545455 | 16.363636 | 36.363636 | 1.818182 | 41.818182 | 27.272727 | 32.727273 | 32.727273 | 34.545455 | 29.090909 | 27.272727 | 18.181818 | 34.545455 | 29.090909 | 36.363636 | 32.727273 | 23.636364 | 23.636364 | 23.636364 | 34.545455 | 29.090909 | 27.272727 | 41.818182 | 40 | 41.818182 | 30.909091 | 29.090909 | 29.090909 | 30.909091 | 30.909091 | 30.909091 | 30.909091 | 36.363636 | 23.636364 | 40 | 38.181818 | 23.636364 | 23.636364 |
| NaN | ITSN2-5/5 | 0 | 42.857143 | 26.785714 | 39.285714 | 42.857143 | 32.142857 | 26.785714 | 32.142857 | 32.142857 | 42.857143 | 41.071429 | 39.285714 | 41.071429 | 30.357143 | 26.785714 | 37.5 | 39.285714 | 39.285714 | 40 | 21.428571 | 32.142857 | 39.285714 | 39.285714 | 39.285714 | 39.285714 | 39.285714 | 39.285714 | 42.857143 | 39.285714 | 46.428571 | 39.285714 | 32.142857 | 21.428571 | 45.454545 | 33.928571 | 48.214286 | 42.857143 | 39.285714 | 39.285714 | 48.214286 | 48.214286 | 48.214286 | 41.071429 | 41.071429 | 41.071429 | 41.071429 | 33.928571 | 30.357143 | 26.785714 | 26.785714 | 25 | 32.142857 | 33.928571 | 33.928571 | 49.090909 | 25 | 42.857143 | 21.428571 | 42.857143 | 28.571429 | 41.071429 | 41.071429 | 39.285714 | 25 | 41.071429 | 30.357143 | 33.928571 | 37.5 | 42.857143 | 41.071429 | 37.5 | 37.5 | 35.714286 | 42.857143 | 39.285714 | 41.071429 | 41.071429 | 39.285714 | 39.285714 | 26.785714 | 25 | 25 | 26.785714 | 26.785714 | 26.785714 | 26.785714 | 32.142857 | 28.571429 | 39.285714 | 41.071429 | 28.571429 | 28.571429 |
| NaN | LASP1-1/1-SV1/2 | 1 | 33.333333 | 21.052632 | 32.142857 | 33.333333 | 28.070175 | 21.052632 | 28.070175 | 28.070175 | 33.333333 | 33.333333 | 31.578947 | 31.578947 | 28.070175 | 33.333333 | 31.578947 | 32.142857 | 32.142857 | 32.727273 | 26.315789 | 26.315789 | 32.142857 | 32.142857 | 32.142857 | 32.142857 | 32.142857 | 32.142857 | 28.070175 | 28.070175 | 33.333333 | 31.578947 | 24.561404 | 26.315789 | 36.363636 | 21.052632 | 38.596491 | 31.578947 | 31.578947 | 47.368421 | 38.596491 | 43.859649 | 43.859649 | 33.333333 | 38.596491 | 38.596491 | 38.596491 | 28.070175 | 22.807018 | 22.807018 | 26.315789 | 19.642857 | 28.070175 | 31.578947 | 31.578947 | 40 | 21.052632 | 38.596491 | 22.807018 | 28.070175 | 26.315789 | 33.928571 | 33.333333 | 31.578947 | 19.298246 | 33.333333 | 36.842105 | 28.070175 | 26.785714 | 33.333333 | 47.368421 | 24.561404 | 24.561404 | 24.561404 | 33.333333 | 80.357143 | 33.333333 | 33.333333 | 32.142857 | 31.578947 | 21.052632 | 19.642857 | 19.642857 | 21.052632 | 21.052632 | 21.052632 | 21.428571 | 28.070175 | 33.333333 | 31.578947 | 38.596491 | 26.315789 | 26.315789 |
| NaN | LASP1-1/1-SV2/2\* | 0 | 33.333333 | 21.052632 | 30.357143 | 33.333333 | 28.070175 | 21.052632 | 28.070175 | 28.070175 | 33.333333 | 31.578947 | 29.824561 | 29.824561 | 28.070175 | 31.578947 | 29.824561 | 32.142857 | 32.142857 | 30.909091 | 24.561404 | 24.561404 | 32.142857 | 32.142857 | 32.142857 | 32.142857 | 32.142857 | 32.142857 | 26.315789 | 28.070175 | 31.578947 | 29.824561 | 24.561404 | 24.561404 | 34.545455 | 21.052632 | 36.842105 | 29.824561 | 29.824561 | 45.614035 | 36.842105 | 42.105263 | 42.105263 | 31.578947 | 36.842105 | 36.842105 | 36.842105 | 26.315789 | 21.052632 | 21.052632 | 24.561404 | 19.642857 | 26.315789 | 31.578947 | 31.578947 | 38.181818 | 19.298246 | 36.842105 | 21.052632 | 26.315789 | 28.070175 | 32.142857 | 31.578947 | 29.824561 | 19.298246 | 31.578947 | 36.842105 | 26.315789 | 25 | 33.333333 | 45.614035 | 24.561404 | 24.561404 | 24.561404 | 33.333333 | 78.571429 | 31.578947 | 33.333333 | 32.142857 | 31.578947 | 21.052632 | 19.642857 | 19.642857 | 21.052632 | 21.052632 | 21.052632 | 21.428571 | 26.315789 | 31.578947 | 31.578947 | 36.842105 | 7.017544 | 7.017544 |
| NaN | LCK-1/1 | 0 | 50.877193 | 31.578947 | 25 | 50.877193 | 33.333333 | 31.578947 | 33.333333 | 33.333333 | 50.877193 | 24.561404 | 29.824561 | 33.333333 | 31.578947 | 5.263158 | 26.315789 | 50 | 50 | 30.909091 | 19.298246 | 19.298246 | 50 | 50 | 50 | 50 | 50 | 50 | 26.315789 | 35.087719 | 31.578947 | 29.824561 | 56.140351 | 19.298246 | 21.818182 | 26.315789 | 24.561404 | 31.578947 | 29.824561 | 21.052632 | 24.561404 | 24.561404 | 24.561404 | 24.561404 | 26.315789 | 26.315789 | 26.315789 | 29.824561 | 29.824561 | 24.561404 | 26.315789 | 28.571429 | 24.561404 | 54.385965 | 54.385965 | 25.454545 | 24.561404 | 24.561404 | 26.315789 | 26.315789 | 26.315789 | 33.928571 | 33.333333 | 29.824561 | 29.824561 | 24.561404 | 22.807018 | 29.824561 | 26.785714 | 50.877193 | 22.807018 | 26.315789 | 26.315789 | 26.315789 | 50.877193 | 17.857143 | 24.561404 | 47.368421 | 48.214286 | 47.368421 | 31.578947 | 28.571429 | 28.571429 | 31.578947 | 31.578947 | 31.578947 | 30.357143 | 24.561404 | 12.280702 | 49.122807 | 26.315789 | 22.807018 | 22.807018 |
| NaN | LYN-1/1 | 1 | 52.631579 | 31.578947 | 35.714286 | 52.631579 | 33.333333 | 31.578947 | 33.333333 | 33.333333 | 52.631579 | 36.842105 | 33.333333 | 28.070175 | 35.087719 | 21.052632 | 29.824561 | 50 | 50 | 34.545455 | 19.298246 | 24.561404 | 50 | 50 | 50 | 50 | 50 | 50 | 28.070175 | 33.333333 | 31.578947 | 33.333333 | 100 | 19.298246 | 30.909091 | 29.824561 | 33.333333 | 24.561404 | 33.333333 | 26.315789 | 33.333333 | 35.087719 | 35.087719 | 36.842105 | 24.561404 | 24.561404 | 24.561404 | 33.333333 | 29.824561 | 26.315789 | 24.561404 | 28.571429 | 26.315789 | 68.421053 | 68.421053 | 34.545455 | 24.561404 | 29.824561 | 19.298246 | 28.070175 | 40.350877 | 28.571429 | 28.070175 | 33.333333 | 29.824561 | 36.842105 | 1.754386 | 33.333333 | 32.142857 | 52.631579 | 24.561404 | 35.087719 | 35.087719 | 35.087719 | 52.631579 | 23.214286 | 36.842105 | 50.877193 | 50 | 49.122807 | 31.578947 | 30.357143 | 30.357143 | 31.578947 | 31.578947 | 31.578947 | 32.142857 | 26.315789 | 3.508772 | 49.122807 | 24.561404 | 19.298246 | 19.298246 |
| NaN | MAP3K9-1/2 | 0 | 31.034483 | 27.586207 | 32.142857 | 31.034483 | 22.033898 | 27.586207 | 22.807018 | 22.807018 | 29.032258 | 29.824561 | 45 | 35.59322 | 28.333333 | 29.62963 | 26.760563 | 26.785714 | 26.785714 | 49.090909 | 34.482759 | 21.73913 | 26.785714 | 26.785714 | 26.785714 | 26.785714 | 26.785714 | 26.785714 | 45.614035 | 36.666667 | 34.482759 | 47.368421 | 25 | 34.482759 | 38.181818 | 21.538462 | 37.5 | 38.596491 | 47.457627 | 37.878788 | 38.983051 | 40.677966 | 41.37931 | 29.824561 | 36.206897 | 36.842105 | 36.206897 | 25.806452 | 23.728814 | 1.086957 | 20.895522 | 26.785714 | 28.358209 | 27.419355 | 26.984127 | 41.818182 | 21.875 | 37.288136 | 1.162791 | 44.827586 | 22.727273 | 35.714286 | 34.482759 | 43.548387 | 25.862069 | 29.824561 | 14.814815 | 27.586207 | 41.071429 | 29.508197 | 35.9375 | 25.396825 | 26.229508 | 27.586207 | 31.034483 | 28.571429 | 29.824561 | 29.824561 | 28.571429 | 26.229508 | 27.586207 | 26.785714 | 26.785714 | 25.806452 | 27.586207 | 27.118644 | 28.571429 | 25 | 31.147541 | 24.590164 | 33.846154 | 2.739726 | 2.739726 |
| NaN | MYO1E-1/1-SV1/2 | 0 | 34.482759 | 24.137931 | 32.142857 | 34.482759 | 28.813559 | 24.137931 | 29.824561 | 29.824561 | 32.258065 | 33.333333 | 38.333333 | 33.898305 | 26.666667 | 30.882353 | 20.588235 | 28.571429 | 28.571429 | 40 | 18.965517 | 16.176471 | 28.571429 | 28.571429 | 28.571429 | 28.571429 | 28.571429 | 28.571429 | 35.087719 | 38.333333 | 31.034483 | 40.350877 | 33.333333 | 18.965517 | 43.636364 | 20 | 29.6875 | 35.087719 | 38.983051 | 39.393939 | 33.898305 | 49.152542 | 50 | 33.333333 | 34.482759 | 35.087719 | 34.482759 | 24.193548 | 22.033898 | 20.588235 | 22.38806 | 23.214286 | 23.880597 | 29.032258 | 28.571429 | 34.545455 | 18.75 | 42.372881 | 19.117647 | 34.482759 | 33.333333 | 35.714286 | 34.482759 | 38.709677 | 22.413793 | 33.333333 | 4.411765 | 25.862069 | 48.214286 | 32.786885 | 39.0625 | 28.571429 | 29.508197 | 31.034483 | 34.482759 | 35.714286 | 33.333333 | 29.824561 | 28.571429 | 26.229508 | 24.137931 | 23.214286 | 23.214286 | 22.580645 | 24.137931 | 23.728814 | 25 | 22.058824 | 26.229508 | 26.229508 | 32.307692 | 29.411765 | 29.411765 |
| NaN | NCF1-2/2 | 1 | 30.357143 | 23.214286 | 21.428571 | 30.357143 | 17.857143 | 23.214286 | 17.857143 | 17.857143 | 30.357143 | 21.428571 | 30.357143 | 21.428571 | 19.642857 | 1.785714 | 21.428571 | 26.785714 | 26.785714 | 30.909091 | 32.142857 | 98.214286 | 26.785714 | 26.785714 | 26.785714 | 26.785714 | 26.785714 | 26.785714 | 23.214286 | 21.428571 | 26.785714 | 30.357143 | 25 | 32.142857 | 23.636364 | 3.571429 | 26.785714 | 25 | 30.357143 | 28.571429 | 26.785714 | 30.357143 | 30.357143 | 21.428571 | 26.785714 | 26.785714 | 26.785714 | 23.214286 | 25 | 1.785714 | 25 | 23.214286 | 19.642857 | 23.214286 | 23.214286 | 27.272727 | 19.642857 | 30.357143 | 5.357143 | 23.214286 | 28.571429 | 21.428571 | 21.428571 | 30.357143 | 23.214286 | 21.428571 | 8.928571 | 23.214286 | 21.428571 | 30.357143 | 26.785714 | 23.214286 | 23.214286 | 23.214286 | 30.357143 | 28.571429 | 21.428571 | 28.571429 | 26.785714 | 26.785714 | 21.428571 | 23.214286 | 23.214286 | 23.214286 | 23.214286 | 23.214286 | 23.214286 | 19.642857 | 21.428571 | 26.785714 | 26.785714 | 7.142857 | 7.142857 |
| NaN | NCK1-1/3 | 1 | 35.714286 | 35.714286 | 33.928571 | 35.714286 | 33.928571 | 35.714286 | 33.928571 | 33.928571 | 35.714286 | 32.142857 | 32.142857 | 30.357143 | 26.785714 | 21.428571 | 30.357143 | 35.714286 | 35.714286 | 32.727273 | 19.642857 | 23.214286 | 35.714286 | 35.714286 | 35.714286 | 35.714286 | 35.714286 | 35.714286 | 32.142857 | 25 | 33.928571 | 32.142857 | 35.714286 | 19.642857 | 38.181818 | 19.642857 | 30.357143 | 26.785714 | 32.142857 | 23.214286 | 30.357143 | 30.357143 | 30.357143 | 32.142857 | 23.214286 | 23.214286 | 23.214286 | 30.357143 | 80.357143 | 25 | 25 | 32.142857 | 25 | 37.5 | 37.5 | 30.909091 | 33.928571 | 28.571429 | 16.071429 | 32.142857 | 28.571429 | 30.357143 | 30.357143 | 32.142857 | 33.928571 | 32.142857 | 3.571429 | 30.357143 | 26.785714 | 35.714286 | 21.428571 | 28.571429 | 28.571429 | 28.571429 | 35.714286 | 25 | 32.142857 | 35.714286 | 35.714286 | 35.714286 | 35.714286 | 33.928571 | 33.928571 | 35.714286 | 35.714286 | 35.714286 | 35.714286 | 25 | 25 | 35.714286 | 23.214286 | 3.571429 | 3.571429 |
| NaN | NCK1-2/3 | 0 | 33.928571 | 28.571429 | 33.928571 | 33.928571 | 23.214286 | 28.571429 | 23.214286 | 23.214286 | 33.928571 | 33.928571 | 32.142857 | 32.142857 | 26.785714 | 1.785714 | 21.428571 | 28.571429 | 28.571429 | 32.727273 | 25 | 35.714286 | 28.571429 | 28.571429 | 28.571429 | 28.571429 | 28.571429 | 28.571429 | 28.571429 | 30.357143 | 26.785714 | 32.142857 | 30.357143 | 25 | 47.272727 | 21.428571 | 46.428571 | 39.285714 | 32.142857 | 35.714286 | 46.428571 | 37.5 | 37.5 | 33.928571 | 33.928571 | 33.928571 | 33.928571 | 19.642857 | 23.214286 | 25 | 23.214286 | 26.785714 | 28.571429 | 28.571429 | 28.571429 | 47.272727 | 21.428571 | 35.714286 | 21.428571 | 28.571429 | 23.214286 | 32.142857 | 32.142857 | 32.142857 | 26.785714 | 33.928571 | 3.571429 | 19.642857 | 39.285714 | 33.928571 | 35.714286 | 26.785714 | 26.785714 | 26.785714 | 33.928571 | 28.571429 | 33.928571 | 28.571429 | 26.785714 | 28.571429 | 28.571429 | 26.785714 | 26.785714 | 28.571429 | 28.571429 | 28.571429 | 28.571429 | 28.571429 | 33.928571 | 30.357143 | 33.928571 | 25 | 25 |
| NaN | NCK2-1/3-SV1/2 | 1 | 35.714286 | 33.928571 | 33.928571 | 35.714286 | 26.785714 | 33.928571 | 26.785714 | 26.785714 | 35.714286 | 32.142857 | 28.571429 | 30.357143 | 28.571429 | 17.857143 | 28.571429 | 32.142857 | 32.142857 | 29.090909 | 16.071429 | 25 | 32.142857 | 32.142857 | 32.142857 | 32.142857 | 32.142857 | 32.142857 | 32.142857 | 25 | 35.714286 | 28.571429 | 32.142857 | 16.071429 | 32.727273 | 14.285714 | 26.785714 | 30.357143 | 28.571429 | 25 | 26.785714 | 28.571429 | 28.571429 | 32.142857 | 28.571429 | 28.571429 | 28.571429 | 30.357143 | 98.214286 | 25 | 21.428571 | 30.357143 | 26.785714 | 41.071429 | 41.071429 | 27.272727 | 37.5 | 30.357143 | 19.642857 | 32.142857 | 30.357143 | 30.357143 | 30.357143 | 28.571429 | 32.142857 | 32.142857 | 5.357143 | 30.357143 | 21.428571 | 35.714286 | 26.785714 | 28.571429 | 28.571429 | 28.571429 | 35.714286 | 25 | 32.142857 | 33.928571 | 33.928571 | 33.928571 | 35.714286 | 32.142857 | 32.142857 | 33.928571 | 33.928571 | 33.928571 | 33.928571 | 26.785714 | 25 | 32.142857 | 28.571429 | 1.785714 | 1.785714 |
| NaN | NCK2-1/3-SV2/2\* | 1 | 31.578947 | 29.824561 | 32.142857 | 31.578947 | 22.807018 | 29.824561 | 22.807018 | 22.807018 | 31.578947 | 29.824561 | 28.070175 | 29.824561 | 24.561404 | 28.070175 | 21.052632 | 28.571429 | 28.571429 | 29.090909 | 19.298246 | 24.561404 | 28.571429 | 28.571429 | 28.571429 | 28.571429 | 28.571429 | 28.571429 | 33.333333 | 22.807018 | 35.087719 | 28.070175 | 28.070175 | 19.298246 | 32.727273 | 12.280702 | 28.070175 | 31.578947 | 28.070175 | 28.070175 | 28.070175 | 33.333333 | 33.333333 | 29.824561 | 26.315789 | 26.315789 | 26.315789 | 31.578947 | 96.491228 | 19.298246 | 21.052632 | 26.785714 | 22.807018 | 33.333333 | 33.333333 | 29.090909 | 36.842105 | 28.070175 | 1.754386 | 33.333333 | 35.087719 | 30.357143 | 29.824561 | 28.070175 | 28.070175 | 29.824561 | 5.263158 | 31.578947 | 23.214286 | 31.578947 | 29.824561 | 28.070175 | 28.070175 | 28.070175 | 31.578947 | 25 | 29.824561 | 29.824561 | 30.357143 | 29.824561 | 29.824561 | 28.571429 | 28.571429 | 29.824561 | 29.824561 | 29.824561 | 30.357143 | 22.807018 | 24.561404 | 28.070175 | 26.315789 | 19.298246 | 19.298246 |
| NaN | NEBL-1/1 | 1 | 32.758621 | 25.862069 | 32.142857 | 32.758621 | 25.862069 | 25.862069 | 26.315789 | 26.315789 | 32.758621 | 33.333333 | 32.758621 | 36.206897 | 27.586207 | 32.758621 | 31.034483 | 32.142857 | 32.142857 | 32.727273 | 29.310345 | 29.310345 | 32.142857 | 32.142857 | 32.142857 | 32.142857 | 32.142857 | 32.142857 | 31.578947 | 31.034483 | 31.034483 | 33.333333 | 24.137931 | 29.310345 | 36.363636 | 20.689655 | 36.206897 | 33.333333 | 31.034483 | 46.551724 | 36.206897 | 37.931034 | 37.931034 | 33.333333 | 36.206897 | 36.842105 | 36.206897 | 25.862069 | 24.137931 | 18.965517 | 18.965517 | 23.214286 | 25.862069 | 29.310345 | 29.310345 | 38.181818 | 18.965517 | 34.482759 | 18.965517 | 31.034483 | 22.413793 | 37.5 | 36.206897 | 32.758621 | 24.137931 | 33.333333 | 32.758621 | 25.862069 | 28.571429 | 32.758621 | 46.551724 | 22.413793 | 22.413793 | 22.413793 | 32.758621 | 100 | 33.333333 | 35.087719 | 33.928571 | 32.758621 | 25.862069 | 25 | 25 | 25.862069 | 25.862069 | 25.862069 | 26.785714 | 25.862069 | 34.482759 | 31.034483 | 36.206897 | 32.758621 | 32.758621 |
| NaN | NEDD9-1/1 | 0 | 27.586207 | 31.034483 | 30.357143 | 27.586207 | 28.813559 | 31.034483 | 29.824561 | 29.824561 | 27.118644 | 31.578947 | 33.898305 | 32.20339 | 28.813559 | 8.474576 | 33.898305 | 32.142857 | 32.142857 | 36.363636 | 27.586207 | 27.118644 | 32.142857 | 32.142857 | 32.142857 | 32.142857 | 32.142857 | 32.142857 | 36.842105 | 37.288136 | 31.034483 | 35.087719 | 27.118644 | 27.586207 | 30.909091 | 3.389831 | 33.898305 | 31.578947 | 33.898305 | 37.288136 | 32.20339 | 33.898305 | 34.482759 | 31.578947 | 31.034483 | 31.578947 | 31.034483 | 35.59322 | 22.033898 | 25.423729 | 30.508475 | 30.357143 | 30.508475 | 28.813559 | 28.813559 | 34.545455 | 22.033898 | 33.898305 | 27.118644 | 36.206897 | 28.813559 | 33.928571 | 32.758621 | 33.898305 | 29.310345 | 31.578947 | 37.288136 | 36.206897 | 33.928571 | 27.118644 | 37.288136 | 25.423729 | 25.423729 | 25.862069 | 27.586207 | 26.785714 | 31.578947 | 33.333333 | 35.714286 | 33.898305 | 31.034483 | 30.357143 | 30.357143 | 30.508475 | 31.034483 | 30.508475 | 32.142857 | 30.508475 | 33.898305 | 30.508475 | 30.508475 | 30.508475 | 30.508475 |
| NaN | NOSTRIN-1/1-SV1/2 | 0 | 34.482759 | 25.862069 | 35.714286 | 34.482759 | 35.59322 | 25.862069 | 35.087719 | 35.087719 | 32.258065 | 38.596491 | 36.666667 | 30.508475 | 30 | 25 | 26.760563 | 30.357143 | 30.357143 | 38.181818 | 32.758621 | 25 | 30.357143 | 30.357143 | 30.357143 | 30.357143 | 30.357143 | 30.357143 | 31.578947 | 41.666667 | 29.310345 | 38.596491 | 30 | 32.758621 | 45.454545 | 16.923077 | 37.5 | 36.842105 | 37.288136 | 36.363636 | 38.983051 | 44.067797 | 44.827586 | 38.596491 | 34.482759 | 35.087719 | 34.482759 | 32.258065 | 22.033898 | 21.052632 | 29.850746 | 28.571429 | 19.402985 | 27.419355 | 26.984127 | 41.818182 | 21.875 | 33.898305 | 17.105263 | 31.034483 | 25.757576 | 30.357143 | 29.310345 | 37.096774 | 25.862069 | 38.596491 | 22.368421 | 34.482759 | 48.214286 | 32.786885 | 37.5 | 30.15873 | 31.147541 | 32.758621 | 34.482759 | 28.571429 | 38.596491 | 31.578947 | 30.357143 | 29.508197 | 25.862069 | 28.571429 | 28.571429 | 24.193548 | 25.862069 | 25.423729 | 26.785714 | 20.588235 | 37.704918 | 29.508197 | 32.307692 | 23.287671 | 23.287671 |
| NaN | NPHP1-1/1 | 0 | 29.824561 | 31.578947 | 35.714286 | 29.824561 | 40.350877 | 31.578947 | 40.350877 | 40.350877 | 29.824561 | 35.087719 | 28.070175 | 29.824561 | 33.333333 | 28.070175 | 29.824561 | 32.142857 | 32.142857 | 29.090909 | 28.070175 | 28.070175 | 32.142857 | 32.142857 | 32.142857 | 32.142857 | 32.142857 | 32.142857 | 31.578947 | 28.070175 | 29.824561 | 28.070175 | 26.315789 | 28.070175 | 30.909091 | 14.035088 | 24.561404 | 33.333333 | 28.070175 | 31.578947 | 24.561404 | 35.087719 | 35.087719 | 35.087719 | 24.561404 | 24.561404 | 24.561404 | 26.315789 | 35.087719 | 28.070175 | 26.315789 | 32.142857 | 22.807018 | 28.070175 | 28.070175 | 25.454545 | 31.578947 | 28.070175 | 31.578947 | 31.578947 | 24.561404 | 28.571429 | 28.070175 | 28.070175 | 31.578947 | 35.087719 | 12.280702 | 26.315789 | 21.428571 | 29.824561 | 33.333333 | 26.315789 | 26.315789 | 26.315789 | 29.824561 | 26.785714 | 35.087719 | 31.578947 | 32.142857 | 31.578947 | 31.578947 | 32.142857 | 32.142857 | 31.578947 | 31.578947 | 31.578947 | 32.142857 | 22.807018 | 35.087719 | 31.578947 | 24.561404 | 15.789474 | 15.789474 |
| NaN | OBSCN-1/1 | 0 | 17.241379 | 13.793103 | 12.5 | 17.241379 | 13.559322 | 13.793103 | 14.035088 | 14.035088 | 4.83871 | 14.035088 | 28.333333 | 1.694915 | 3.333333 | 3.125 | 7.8125 | 3.571429 | 3.571429 | 30.909091 | 24.137931 | 20.3125 | 3.571429 | 3.571429 | 3.571429 | 3.571429 | 3.571429 | 3.571429 | 3.508772 | 5 | 3.448276 | 29.824561 | 3.333333 | 24.137931 | 3.636364 | 1.5625 | 1.5625 | 1.754386 | 28.813559 | 4.6875 | 1.694915 | 3.389831 | 3.448276 | 14.035088 | 13.793103 | 14.035088 | 13.793103 | 22.580645 | 8.474576 | 1.5625 | 3.125 | 14.285714 | 6.25 | 6.451613 | 6.349206 | 1.818182 | 4.6875 | 5.084746 | 1.5625 | 3.448276 | 3.125 | 17.857143 | 3.448276 | 27.419355 | 13.793103 | 14.035088 | 6.25 | 24.137931 | 10.714286 | 4.918033 | 4.6875 | 3.174603 | 1.639344 | 1.724138 | 17.241379 | 3.571429 | 14.035088 | 5.263158 | 14.285714 | 4.918033 | 12.068966 | 14.285714 | 14.285714 | 14.516129 | 13.793103 | 15.254237 | 14.285714 | 6.25 | 11.47541 | 4.918033 | 12.5 | 0 | 0 |
| NaN | OSTF1-1/1 | 0 | 46.428571 | 25 | 35.714286 | 46.428571 | 35.714286 | 25 | 35.714286 | 35.714286 | 46.428571 | 35.714286 | 41.071429 | 44.642857 | 37.5 | 10.714286 | 39.285714 | 42.857143 | 42.857143 | 41.818182 | 23.214286 | 23.214286 | 42.857143 | 42.857143 | 42.857143 | 42.857143 | 42.857143 | 42.857143 | 41.071429 | 39.285714 | 44.642857 | 41.071429 | 32.142857 | 23.214286 | 36.363636 | 19.642857 | 46.428571 | 32.142857 | 41.071429 | 41.071429 | 46.428571 | 37.5 | 37.5 | 35.714286 | 28.571429 | 28.571429 | 28.571429 | 28.571429 | 26.785714 | 30.357143 | 35.714286 | 23.214286 | 30.357143 | 32.142857 | 32.142857 | 47.272727 | 25 | 35.714286 | 23.214286 | 41.071429 | 33.928571 | 44.642857 | 44.642857 | 41.071429 | 23.214286 | 35.714286 | 1.785714 | 28.571429 | 37.5 | 46.428571 | 41.071429 | 35.714286 | 35.714286 | 35.714286 | 46.428571 | 35.714286 | 35.714286 | 46.428571 | 44.642857 | 44.642857 | 26.785714 | 23.214286 | 23.214286 | 25 | 25 | 25 | 25 | 30.357143 | 35.714286 | 42.857143 | 28.571429 | 35.714286 | 35.714286 |
| NaN | PACSIN1-1/1 | 0 | 33.333333 | 31.578947 | 41.071429 | 33.333333 | 33.333333 | 31.578947 | 33.333333 | 33.333333 | 33.333333 | 42.105263 | 42.105263 | 36.842105 | 29.824561 | 36.842105 | 36.842105 | 35.714286 | 35.714286 | 43.636364 | 26.315789 | 26.315789 | 35.714286 | 35.714286 | 35.714286 | 35.714286 | 35.714286 | 35.714286 | 35.087719 | 36.842105 | 38.596491 | 42.105263 | 40.350877 | 26.315789 | 36.363636 | 24.561404 | 33.333333 | 36.842105 | 42.105263 | 43.859649 | 33.333333 | 49.122807 | 49.122807 | 42.105263 | 35.087719 | 35.087719 | 35.087719 | 35.087719 | 36.842105 | 26.315789 | 24.561404 | 30.357143 | 28.070175 | 36.842105 | 36.842105 | 34.545455 | 31.578947 | 33.333333 | 24.561404 | 35.087719 | 28.070175 | 39.285714 | 38.596491 | 42.105263 | 29.824561 | 42.105263 | 36.842105 | 35.087719 | 39.285714 | 33.333333 | 43.859649 | 28.070175 | 28.070175 | 28.070175 | 33.333333 | 35.714286 | 42.105263 | 35.087719 | 33.928571 | 33.333333 | 31.578947 | 30.357143 | 30.357143 | 31.578947 | 31.578947 | 31.578947 | 32.142857 | 28.070175 | 28.070175 | 35.087719 | 35.087719 | 26.315789 | 26.315789 |
| NaN | PACSIN2-1/1 | 0 | 32.758621 | 29.310345 | 41.071429 | 32.758621 | 34.482759 | 29.310345 | 35.087719 | 35.087719 | 32.758621 | 42.105263 | 44.827586 | 36.206897 | 31.034483 | 32.758621 | 37.931034 | 37.5 | 37.5 | 47.272727 | 24.137931 | 24.137931 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 40.350877 | 36.206897 | 39.655172 | 45.614035 | 36.206897 | 24.137931 | 36.363636 | 22.413793 | 34.482759 | 38.596491 | 44.827586 | 41.37931 | 34.482759 | 48.275862 | 48.275862 | 42.105263 | 34.482759 | 35.087719 | 34.482759 | 32.758621 | 32.758621 | 25.862069 | 27.586207 | 28.571429 | 24.137931 | 37.931034 | 37.931034 | 36.363636 | 31.034483 | 32.758621 | 24.137931 | 39.655172 | 29.310345 | 39.285714 | 37.931034 | 44.827586 | 27.586207 | 42.105263 | 36.206897 | 32.758621 | 37.5 | 32.758621 | 41.37931 | 29.310345 | 29.310345 | 29.310345 | 32.758621 | 35.714286 | 42.105263 | 36.842105 | 35.714286 | 34.482759 | 29.310345 | 28.571429 | 28.571429 | 29.310345 | 29.310345 | 29.310345 | 30.357143 | 24.137931 | 29.310345 | 36.206897 | 34.482759 | 25.862069 | 25.862069 |
| NaN | PIK3R2-1/1 | 0 | 1.724138 | 1.724138 | 7.142857 | 1.724138 | 22.033898 | 1.724138 | 12.280702 | 12.280702 | 4.83871 | 7.017544 | 10 | 6.779661 | 16.666667 | 6.849315 | 1.408451 | 3.571429 | 3.571429 | 9.090909 | 18.965517 | 4.109589 | 3.571429 | 3.571429 | 3.571429 | 3.571429 | 3.571429 | 3.571429 | 3.508772 | 33.333333 | 8.62069 | 8.77193 | 5 | 18.965517 | 3.636364 | 1.538462 | 21.875 | 3.508772 | 5.084746 | 1.515152 | 23.728814 | 18.644068 | 18.965517 | 7.017544 | 1.724138 | 1.754386 | 1.724138 | 14.516129 | 1.694915 | 5.479452 | 26.865672 | 1.785714 | 1.492537 | 29.032258 | 28.571429 | 25.454545 | 4.6875 | 3.389831 | 2.739726 | 3.448276 | 4.545455 | 7.142857 | 6.896552 | 4.83871 | 1.724138 | 7.017544 | 53.424658 | 15.517241 | 14.285714 | 1.639344 | 3.125 | 15.873016 | 16.393443 | 17.241379 | 1.724138 | 33.928571 | 7.017544 | 3.508772 | 3.571429 | 3.278689 | 3.448276 | 1.785714 | 1.785714 | 3.225806 | 3.448276 | 3.389831 | 1.785714 | 2.941176 | 6.557377 | 3.278689 | 4.615385 | 1.369863 | 1.369863 |
| NaN | PLCG1-1/1 | 1 | 35.087719 | 24.561404 | 26.785714 | 35.087719 | 33.333333 | 24.561404 | 33.333333 | 33.333333 | 35.087719 | 26.315789 | 35.087719 | 33.333333 | 19.298246 | 31.578947 | 17.54386 | 35.714286 | 35.714286 | 36.363636 | 26.315789 | 26.315789 | 35.714286 | 35.714286 | 35.714286 | 35.714286 | 35.714286 | 35.714286 | 35.087719 | 29.824561 | 33.333333 | 35.087719 | 29.824561 | 26.315789 | 94.545455 | 26.315789 | 43.859649 | 43.859649 | 35.087719 | 43.859649 | 43.859649 | 45.614035 | 45.614035 | 26.315789 | 31.578947 | 31.578947 | 31.578947 | 26.315789 | 31.578947 | 3.508772 | 22.807018 | 23.214286 | 24.561404 | 29.824561 | 29.824561 | 45.454545 | 19.298246 | 35.087719 | 10.526316 | 35.087719 | 35.087719 | 33.928571 | 33.333333 | 35.087719 | 22.807018 | 26.315789 | 21.052632 | 26.315789 | 44.642857 | 35.087719 | 43.859649 | 26.315789 | 26.315789 | 26.315789 | 35.087719 | 33.928571 | 26.315789 | 35.087719 | 33.928571 | 33.333333 | 24.561404 | 23.214286 | 23.214286 | 24.561404 | 24.561404 | 24.561404 | 25 | 24.561404 | 29.824561 | 35.087719 | 31.578947 | 5.263158 | 5.263158 |
| NaN | PLCG2-1/1 | 0 | 36.842105 | 26.315789 | 30.357143 | 36.842105 | 24.561404 | 26.315789 | 24.561404 | 24.561404 | 36.842105 | 31.578947 | 33.333333 | 35.087719 | 22.807018 | 24.561404 | 31.578947 | 39.285714 | 39.285714 | 32.727273 | 22.807018 | 22.807018 | 39.285714 | 39.285714 | 39.285714 | 39.285714 | 39.285714 | 39.285714 | 38.596491 | 33.333333 | 38.596491 | 33.333333 | 29.824561 | 22.807018 | 61.818182 | 31.578947 | 42.105263 | 38.596491 | 31.578947 | 42.105263 | 42.105263 | 45.614035 | 45.614035 | 31.578947 | 31.578947 | 31.578947 | 31.578947 | 29.824561 | 28.070175 | 24.561404 | 22.807018 | 25 | 28.070175 | 35.087719 | 35.087719 | 43.636364 | 26.315789 | 33.333333 | 24.561404 | 38.596491 | 35.087719 | 35.714286 | 35.087719 | 33.333333 | 24.561404 | 31.578947 | 22.807018 | 29.824561 | 32.142857 | 36.842105 | 42.105263 | 24.561404 | 24.561404 | 24.561404 | 36.842105 | 39.285714 | 31.578947 | 38.596491 | 37.5 | 36.842105 | 26.315789 | 25 | 25 | 26.315789 | 26.315789 | 26.315789 | 26.785714 | 28.070175 | 26.315789 | 38.596491 | 31.578947 | 10.526316 | 10.526316 |
| NaN | PPP1R13B-1/1 | 0 | 41.37931 | 27.586207 | 39.285714 | 41.37931 | 30.508475 | 27.586207 | 31.578947 | 31.578947 | 40.677966 | 38.596491 | 35.59322 | 27.118644 | 23.728814 | 20.338983 | 32.20339 | 33.928571 | 33.928571 | 38.181818 | 24.137931 | 23.728814 | 33.928571 | 33.928571 | 33.928571 | 33.928571 | 33.928571 | 33.928571 | 35.087719 | 37.288136 | 31.034483 | 36.842105 | 32.20339 | 24.137931 | 27.272727 | 6.779661 | 30.508475 | 31.578947 | 35.59322 | 33.898305 | 30.508475 | 33.898305 | 34.482759 | 38.596491 | 24.137931 | 24.561404 | 24.137931 | 28.813559 | 33.898305 | 25.423729 | 27.118644 | 26.785714 | 27.118644 | 38.983051 | 38.983051 | 32.727273 | 37.288136 | 30.508475 | 27.118644 | 34.482759 | 27.118644 | 28.571429 | 27.586207 | 35.59322 | 25.862069 | 38.596491 | 6.779661 | 29.310345 | 32.142857 | 40.677966 | 33.898305 | 37.288136 | 37.288136 | 37.931034 | 41.37931 | 32.142857 | 38.596491 | 36.842105 | 35.714286 | 33.898305 | 27.586207 | 26.785714 | 26.785714 | 27.118644 | 27.586207 | 27.118644 | 28.571429 | 27.118644 | 28.813559 | 32.20339 | 23.728814 | 27.118644 | 27.118644 |
| NaN | PTK6-1/1 | 0 | 34.482759 | 31.034483 | 30.357143 | 34.482759 | 30.508475 | 31.034483 | 24.561404 | 24.561404 | 32.786885 | 29.824561 | 26.666667 | 28.813559 | 23.333333 | 9.836066 | 1.639344 | 35.714286 | 35.714286 | 29.090909 | 20.689655 | 19.672131 | 35.714286 | 35.714286 | 35.714286 | 35.714286 | 35.714286 | 35.714286 | 28.070175 | 28.333333 | 22.413793 | 28.070175 | 26.666667 | 20.689655 | 27.272727 | 22.95082 | 29.508197 | 21.052632 | 28.813559 | 21.311475 | 30.508475 | 28.813559 | 29.310345 | 29.824561 | 24.137931 | 24.561404 | 24.137931 | 18.032787 | 18.644068 | 24.590164 | 27.868852 | 30.357143 | 22.95082 | 32.786885 | 32.786885 | 32.727273 | 29.508197 | 25.423729 | 19.672131 | 27.586207 | 22.95082 | 30.357143 | 29.310345 | 26.229508 | 29.310345 | 29.824561 | 18.032787 | 18.965517 | 19.642857 | 32.786885 | 19.672131 | 29.508197 | 29.508197 | 22.413793 | 34.482759 | 25 | 29.824561 | 35.087719 | 37.5 | 34.42623 | 31.034483 | 30.357143 | 30.357143 | 29.508197 | 31.034483 | 30.508475 | 32.142857 | 22.95082 | 22.95082 | 32.786885 | 22.95082 | 29.508197 | 29.508197 |
| NaN | RIMBP2-1/3 | 0 | 20.689655 | 25.862069 | 21.428571 | 20.689655 | 25.423729 | 25.862069 | 33.333333 | 33.333333 | 27.419355 | 21.052632 | 15 | 20.338983 | 23.333333 | 7.8125 | 20.3125 | 23.214286 | 23.214286 | 16.363636 | 15.517241 | 14.0625 | 23.214286 | 23.214286 | 23.214286 | 23.214286 | 23.214286 | 23.214286 | 5.263158 | 16.666667 | 1.724138 | 15.789474 | 1.666667 | 15.517241 | 1.818182 | 1.5625 | 20.3125 | 22.807018 | 16.949153 | 6.25 | 8.474576 | 28.813559 | 29.310345 | 21.052632 | 29.310345 | 29.824561 | 29.310345 | 1.612903 | 5.084746 | 18.75 | 17.1875 | 25 | 18.75 | 1.612903 | 1.587302 | 21.818182 | 4.6875 | 25.423729 | 4.6875 | 5.172414 | 12.5 | 21.428571 | 20.689655 | 16.129032 | 24.137931 | 21.052632 | 3.125 | 1.724138 | 25 | 19.672131 | 6.25 | 23.809524 | 24.590164 | 25.862069 | 20.689655 | 23.214286 | 21.052632 | 21.052632 | 21.428571 | 19.672131 | 25.862069 | 25 | 25 | 30.645161 | 25.862069 | 32.20339 | 26.785714 | 15.625 | 29.508197 | 21.311475 | 26.5625 | 37.5 | 37.5 |
| NaN | RIMBP2-3/3 | 0 | 32.758621 | 25.862069 | 37.5 | 32.758621 | 22.033898 | 25.862069 | 22.807018 | 22.807018 | 30.645161 | 38.596491 | 30 | 35.59322 | 20 | 21.875 | 23.4375 | 33.928571 | 33.928571 | 30.909091 | 22.413793 | 20.3125 | 33.928571 | 33.928571 | 33.928571 | 33.928571 | 33.928571 | 33.928571 | 36.842105 | 35 | 41.37931 | 31.578947 | 28.333333 | 22.413793 | 40 | 4.6875 | 29.6875 | 31.578947 | 28.813559 | 35.9375 | 32.20339 | 42.372881 | 43.103448 | 38.596491 | 32.758621 | 33.333333 | 32.758621 | 29.032258 | 5.084746 | 17.1875 | 29.6875 | 25 | 21.875 | 29.032258 | 28.571429 | 32.727273 | 26.5625 | 28.813559 | 4.6875 | 36.206897 | 26.5625 | 37.5 | 36.206897 | 29.032258 | 24.137931 | 38.596491 | 1.5625 | 31.034483 | 42.857143 | 31.147541 | 34.375 | 19.047619 | 19.672131 | 20.689655 | 32.758621 | 33.928571 | 38.596491 | 31.578947 | 32.142857 | 29.508197 | 25.862069 | 25 | 25 | 24.193548 | 25.862069 | 25.423729 | 26.785714 | 26.5625 | 29.508197 | 31.147541 | 34.375 | 54.6875 | 54.6875 |
| NaN | RIMBP3B-1/1 | 0 | 27.586207 | 24.137931 | 21.428571 | 27.586207 | 27.118644 | 24.137931 | 28.070175 | 28.070175 | 25.806452 | 22.807018 | 16.666667 | 20.338983 | 21.666667 | 1.234568 | 19.71831 | 21.428571 | 21.428571 | 3.636364 | 17.241379 | 12.195122 | 21.428571 | 21.428571 | 21.428571 | 21.428571 | 21.428571 | 21.428571 | 38.596491 | 25 | 27.586207 | 3.508772 | 5 | 17.241379 | 21.818182 | 4.615385 | 28.125 | 28.070175 | 1.694915 | 1.515152 | 32.20339 | 33.898305 | 34.482759 | 22.807018 | 34.482759 | 35.087719 | 34.482759 | 6.451613 | 0 | 15.853659 | 19.402985 | 5.357143 | 20.895522 | 1.612903 | 1.587302 | 32.727273 | 1.5625 | 30.508475 | 2.439024 | 37.931034 | 3.030303 | 21.428571 | 20.689655 | 17.741935 | 22.413793 | 22.807018 | 3.703704 | 6.896552 | 33.928571 | 26.229508 | 17.1875 | 23.809524 | 24.590164 | 25.862069 | 27.586207 | 26.785714 | 22.807018 | 22.807018 | 23.214286 | 21.311475 | 18.965517 | 17.857143 | 17.857143 | 3.225806 | 18.965517 | 18.644068 | 19.642857 | 16.176471 | 31.147541 | 19.672131 | 30.769231 | 42.465753 | 42.465753 |
| NaN | RP5-862P8.2-1/1 | 0 | 41.37931 | 32.758621 | 30.357143 | 41.37931 | 20.338983 | 32.758621 | 21.052632 | 21.052632 | 39.344262 | 31.578947 | 50 | 33.898305 | 28.333333 | 32.786885 | 29.508197 | 35.714286 | 35.714286 | 54.545455 | 31.034483 | 29.508197 | 35.714286 | 35.714286 | 35.714286 | 35.714286 | 35.714286 | 35.714286 | 38.596491 | 33.333333 | 37.931034 | 52.631579 | 28.333333 | 31.034483 | 34.545455 | 24.590164 | 31.147541 | 33.333333 | 50.847458 | 37.704918 | 32.20339 | 38.983051 | 39.655172 | 31.578947 | 32.758621 | 33.333333 | 32.758621 | 31.147541 | 23.728814 | 1.639344 | 24.590164 | 32.142857 | 31.147541 | 34.42623 | 34.42623 | 34.545455 | 24.590164 | 28.813559 | 1.639344 | 37.931034 | 26.229508 | 33.928571 | 32.758621 | 49.180328 | 31.034483 | 31.578947 | 19.672131 | 32.758621 | 33.928571 | 39.344262 | 37.704918 | 29.508197 | 29.508197 | 31.034483 | 41.37931 | 42.857143 | 31.578947 | 38.596491 | 37.5 | 34.42623 | 32.758621 | 32.142857 | 32.142857 | 31.147541 | 32.758621 | 32.20339 | 33.928571 | 31.147541 | 29.508197 | 32.786885 | 31.147541 | 19.672131 | 19.672131 |
| NaN | SH3D19-4/5 | 0 | 35.714286 | 23.214286 | 32.142857 | 35.714286 | 26.785714 | 23.214286 | 26.785714 | 26.785714 | 35.714286 | 33.928571 | 35.714286 | 30.357143 | 32.142857 | 33.928571 | 30.357143 | 32.142857 | 32.142857 | 36.363636 | 19.642857 | 25 | 32.142857 | 32.142857 | 32.142857 | 32.142857 | 32.142857 | 32.142857 | 39.285714 | 50 | 32.142857 | 35.714286 | 30.357143 | 19.642857 | 29.090909 | 32.142857 | 30.357143 | 26.785714 | 35.714286 | 33.928571 | 30.357143 | 32.142857 | 32.142857 | 33.928571 | 26.785714 | 26.785714 | 26.785714 | 26.785714 | 21.428571 | 25 | 23.214286 | 23.214286 | 33.928571 | 30.357143 | 30.357143 | 30.909091 | 26.785714 | 30.357143 | 23.214286 | 39.285714 | 23.214286 | 28.571429 | 28.571429 | 35.714286 | 23.214286 | 33.928571 | 0 | 26.785714 | 32.142857 | 35.714286 | 33.928571 | 23.214286 | 23.214286 | 23.214286 | 35.714286 | 28.571429 | 33.928571 | 35.714286 | 33.928571 | 33.928571 | 23.214286 | 23.214286 | 23.214286 | 23.214286 | 23.214286 | 23.214286 | 23.214286 | 33.928571 | 30.357143 | 32.142857 | 26.785714 | 23.214286 | 23.214286 |
| NaN | SH3D19-5/5 | 0 | 33.928571 | 26.785714 | 48.214286 | 33.928571 | 33.928571 | 26.785714 | 33.928571 | 33.928571 | 33.928571 | 50 | 42.857143 | 33.928571 | 32.142857 | 33.928571 | 41.071429 | 30.357143 | 30.357143 | 41.818182 | 19.642857 | 19.642857 | 30.357143 | 30.357143 | 30.357143 | 30.357143 | 30.357143 | 30.357143 | 39.285714 | 46.428571 | 39.285714 | 42.857143 | 35.714286 | 19.642857 | 38.181818 | 28.571429 | 35.714286 | 30.357143 | 41.071429 | 44.642857 | 35.714286 | 42.857143 | 42.857143 | 50 | 30.357143 | 30.357143 | 30.357143 | 33.928571 | 19.642857 | 26.785714 | 33.928571 | 25 | 39.285714 | 32.142857 | 32.142857 | 36.363636 | 26.785714 | 42.857143 | 25 | 39.285714 | 33.928571 | 33.928571 | 33.928571 | 42.857143 | 25 | 50 | 33.928571 | 33.928571 | 44.642857 | 33.928571 | 44.642857 | 35.714286 | 35.714286 | 35.714286 | 33.928571 | 41.071429 | 50 | 32.142857 | 30.357143 | 30.357143 | 26.785714 | 25 | 25 | 26.785714 | 26.785714 | 26.785714 | 26.785714 | 39.285714 | 39.285714 | 30.357143 | 30.357143 | 26.785714 | 26.785714 |
| NaN | SH3D21-3/3 | 0 | 24.137931 | 20.689655 | 32.142857 | 24.137931 | 27.118644 | 20.689655 | 28.070175 | 28.070175 | 22.580645 | 33.333333 | 35 | 38.983051 | 20 | 37.5 | 32.394366 | 23.214286 | 23.214286 | 38.181818 | 36.206897 | 29.166667 | 23.214286 | 23.214286 | 23.214286 | 23.214286 | 23.214286 | 23.214286 | 43.859649 | 31.666667 | 32.758621 | 36.842105 | 26.666667 | 36.206897 | 32.727273 | 21.538462 | 39.0625 | 47.368421 | 35.59322 | 30.30303 | 40.677966 | 38.983051 | 37.931034 | 33.333333 | 44.827586 | 45.614035 | 44.827586 | 30.645161 | 18.644068 | 13.888889 | 26.865672 | 19.642857 | 16.41791 | 25.806452 | 25.396825 | 43.636364 | 25 | 23.728814 | 5.555556 | 43.103448 | 7.575758 | 39.285714 | 39.655172 | 33.870968 | 18.965517 | 33.333333 | 18.055556 | 34.482759 | 39.285714 | 22.95082 | 32.8125 | 23.809524 | 24.590164 | 25.862069 | 24.137931 | 25 | 33.333333 | 26.315789 | 25 | 22.95082 | 22.413793 | 19.642857 | 19.642857 | 20.967742 | 22.413793 | 22.033898 | 21.428571 | 17.647059 | 34.42623 | 21.311475 | 40 | 26.388889 | 26.388889 |
| NaN | SH3GL1-1/1 | 0 | 30.357143 | 25 | 37.5 | 30.357143 | 28.571429 | 25 | 28.571429 | 28.571429 | 30.357143 | 39.285714 | 35.714286 | 44.642857 | 33.928571 | 1.785714 | 32.142857 | 28.571429 | 28.571429 | 36.363636 | 23.214286 | 23.214286 | 28.571429 | 28.571429 | 28.571429 | 28.571429 | 28.571429 | 28.571429 | 48.214286 | 42.857143 | 37.5 | 35.714286 | 26.785714 | 23.214286 | 30.909091 | 28.571429 | 35.714286 | 28.571429 | 37.5 | 37.5 | 35.714286 | 37.5 | 37.5 | 39.285714 | 30.357143 | 30.357143 | 30.357143 | 30.357143 | 21.428571 | 28.571429 | 35.714286 | 25 | 42.857143 | 26.785714 | 26.785714 | 36.363636 | 23.214286 | 39.285714 | 23.214286 | 48.214286 | 17.857143 | 44.642857 | 44.642857 | 35.714286 | 25 | 39.285714 | 30.357143 | 30.357143 | 33.928571 | 30.357143 | 37.5 | 21.428571 | 21.428571 | 21.428571 | 30.357143 | 30.357143 | 39.285714 | 26.785714 | 26.785714 | 26.785714 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 42.857143 | 39.285714 | 28.571429 | 30.357143 | 28.571429 | 28.571429 |
| NaN | SH3GLB1-1/1 | 0 | 20.689655 | 25.862069 | 25 | 20.689655 | 15.517241 | 25.862069 | 15.789474 | 15.789474 | 20.689655 | 26.315789 | 31.034483 | 25.862069 | 13.793103 | 25.862069 | 31.034483 | 23.214286 | 23.214286 | 30.909091 | 25.862069 | 25.862069 | 23.214286 | 23.214286 | 23.214286 | 23.214286 | 23.214286 | 23.214286 | 28.070175 | 29.310345 | 31.034483 | 31.578947 | 24.137931 | 25.862069 | 29.090909 | 24.137931 | 24.137931 | 26.315789 | 29.310345 | 34.482759 | 24.137931 | 29.310345 | 29.310345 | 26.315789 | 27.586207 | 28.070175 | 27.586207 | 24.137931 | 17.241379 | 18.965517 | 24.137931 | 25 | 20.689655 | 20.689655 | 20.689655 | 25.454545 | 27.586207 | 32.758621 | 25.862069 | 27.586207 | 25.862069 | 26.785714 | 25.862069 | 31.034483 | 25.862069 | 26.315789 | 15.517241 | 24.137931 | 28.571429 | 20.689655 | 34.482759 | 27.586207 | 27.586207 | 27.586207 | 20.689655 | 23.214286 | 26.315789 | 19.298246 | 19.642857 | 18.965517 | 25.862069 | 26.785714 | 26.785714 | 25.862069 | 25.862069 | 25.862069 | 26.785714 | 20.689655 | 32.758621 | 22.413793 | 27.586207 | 5.172414 | 5.172414 |
| NaN | SH3KBP1-1/3 | 1 | 28.571429 | 25 | 33.928571 | 28.571429 | 23.214286 | 25 | 23.214286 | 23.214286 | 28.571429 | 33.928571 | 30.357143 | 32.142857 | 23.214286 | 32.142857 | 21.428571 | 23.214286 | 23.214286 | 30.909091 | 25 | 25 | 23.214286 | 23.214286 | 23.214286 | 23.214286 | 23.214286 | 23.214286 | 42.857143 | 32.142857 | 37.5 | 30.357143 | 25 | 25 | 47.272727 | 17.857143 | 50 | 100 | 30.357143 | 46.428571 | 48.214286 | 42.857143 | 42.857143 | 33.928571 | 69.642857 | 69.642857 | 69.642857 | 26.785714 | 30.357143 | 32.142857 | 30.357143 | 23.214286 | 41.071429 | 25 | 25 | 49.090909 | 17.857143 | 41.071429 | 37.5 | 42.857143 | 25 | 32.142857 | 32.142857 | 30.357143 | 23.214286 | 33.928571 | 30.357143 | 26.785714 | 42.857143 | 28.571429 | 48.214286 | 23.214286 | 23.214286 | 23.214286 | 28.571429 | 33.928571 | 33.928571 | 26.785714 | 25 | 25 | 25 | 23.214286 | 23.214286 | 25 | 25 | 25 | 25 | 41.071429 | 32.142857 | 23.214286 | 69.642857 | 28.571429 | 28.571429 |
| NaN | SH3KBP1-2/3 | 0 | 25 | 23.214286 | 33.928571 | 25 | 26.785714 | 23.214286 | 26.785714 | 26.785714 | 25 | 33.928571 | 28.571429 | 37.5 | 19.642857 | 39.285714 | 26.785714 | 25 | 25 | 27.272727 | 30.357143 | 30.357143 | 25 | 25 | 25 | 25 | 25 | 25 | 37.5 | 25 | 33.928571 | 28.571429 | 28.571429 | 30.357143 | 36.363636 | 16.071429 | 42.857143 | 44.642857 | 26.785714 | 30.357143 | 42.857143 | 39.285714 | 39.285714 | 33.928571 | 50 | 50 | 50 | 23.214286 | 21.428571 | 16.071429 | 32.142857 | 21.428571 | 23.214286 | 23.214286 | 23.214286 | 43.636364 | 21.428571 | 30.357143 | 17.857143 | 37.5 | 25 | 37.5 | 37.5 | 28.571429 | 21.428571 | 33.928571 | 19.642857 | 23.214286 | 69.642857 | 25 | 30.357143 | 23.214286 | 23.214286 | 23.214286 | 25 | 32.142857 | 33.928571 | 26.785714 | 25 | 25 | 23.214286 | 21.428571 | 21.428571 | 23.214286 | 23.214286 | 23.214286 | 23.214286 | 23.214286 | 32.142857 | 25 | 50 | 28.571429 | 28.571429 |
| NaN | SH3PXD2A-1/5 | 0 | 25 | 30.357143 | 21.428571 | 25 | 23.214286 | 30.357143 | 23.214286 | 23.214286 | 25 | 21.428571 | 25 | 21.428571 | 16.071429 | 23.214286 | 23.214286 | 23.214286 | 23.214286 | 25.454545 | 42.857143 | 42.857143 | 23.214286 | 23.214286 | 23.214286 | 23.214286 | 23.214286 | 23.214286 | 25 | 25 | 17.857143 | 25 | 25 | 42.857143 | 27.272727 | 16.071429 | 26.785714 | 25 | 25 | 25 | 26.785714 | 30.357143 | 30.357143 | 21.428571 | 23.214286 | 23.214286 | 23.214286 | 23.214286 | 19.642857 | 19.642857 | 21.428571 | 28.571429 | 19.642857 | 23.214286 | 23.214286 | 27.272727 | 19.642857 | 21.428571 | 14.285714 | 25 | 16.071429 | 23.214286 | 23.214286 | 25 | 30.357143 | 21.428571 | 23.214286 | 23.214286 | 28.571429 | 25 | 23.214286 | 25 | 25 | 25 | 25 | 25 | 21.428571 | 23.214286 | 23.214286 | 23.214286 | 30.357143 | 30.357143 | 30.357143 | 30.357143 | 30.357143 | 30.357143 | 30.357143 | 19.642857 | 25 | 23.214286 | 23.214286 | 19.642857 | 19.642857 |
| NaN | SH3PXD2A-3/5 | 0 | 19.642857 | 25 | 26.785714 | 19.642857 | 23.214286 | 25 | 23.214286 | 23.214286 | 19.642857 | 25 | 26.785714 | 19.642857 | 23.214286 | 1.785714 | 17.857143 | 17.857143 | 17.857143 | 27.272727 | 30.357143 | 30.357143 | 17.857143 | 17.857143 | 17.857143 | 17.857143 | 17.857143 | 17.857143 | 21.428571 | 23.214286 | 16.071429 | 26.785714 | 23.214286 | 30.357143 | 21.818182 | 14.285714 | 28.571429 | 28.571429 | 26.785714 | 25 | 26.785714 | 25 | 25 | 25 | 19.642857 | 19.642857 | 19.642857 | 17.857143 | 10.714286 | 3.571429 | 1.785714 | 25 | 23.214286 | 17.857143 | 17.857143 | 27.272727 | 19.642857 | 7.142857 | 5.357143 | 21.428571 | 5.357143 | 19.642857 | 19.642857 | 26.785714 | 25 | 25 | 7.142857 | 17.857143 | 16.071429 | 19.642857 | 25 | 23.214286 | 23.214286 | 23.214286 | 19.642857 | 28.571429 | 25 | 19.642857 | 17.857143 | 17.857143 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 23.214286 | 5.357143 | 17.857143 | 19.642857 | 16.071429 | 16.071429 |
| NaN | SH3PXD2A-5/5 | 0 | 27.586207 | 32.758621 | 25 | 27.586207 | 23.728814 | 32.758621 | 24.561404 | 24.561404 | 27.118644 | 24.561404 | 20.338983 | 20.338983 | 16.949153 | 3.389831 | 3.389831 | 28.571429 | 28.571429 | 21.818182 | 36.206897 | 35.59322 | 28.571429 | 28.571429 | 28.571429 | 28.571429 | 28.571429 | 28.571429 | 21.052632 | 3.389831 | 17.241379 | 21.052632 | 32.20339 | 36.206897 | 27.272727 | 1.694915 | 23.728814 | 17.54386 | 20.338983 | 23.728814 | 23.728814 | 25.423729 | 25.862069 | 24.561404 | 1.724138 | 1.754386 | 1.724138 | 22.033898 | 22.033898 | 8.474576 | 5.084746 | 30.357143 | 6.779661 | 35.59322 | 35.59322 | 25.454545 | 5.084746 | 5.084746 | 8.474576 | 20.689655 | 3.389831 | 21.428571 | 20.689655 | 20.338983 | 31.034483 | 24.561404 | 5.084746 | 22.413793 | 19.642857 | 27.118644 | 22.033898 | 27.118644 | 27.118644 | 27.586207 | 27.586207 | 26.785714 | 24.561404 | 26.315789 | 28.571429 | 27.118644 | 31.034483 | 32.142857 | 32.142857 | 32.20339 | 32.758621 | 32.20339 | 33.928571 | 0 | 1.694915 | 27.118644 | 5.084746 | 25.423729 | 25.423729 |
| NaN | SH3PXD2B-1/4 | 0 | 20.689655 | 20.689655 | 14.285714 | 20.689655 | 18.644068 | 20.689655 | 19.298246 | 19.298246 | 21.666667 | 14.035088 | 16.666667 | 13.559322 | 6.666667 | 21.666667 | 3.333333 | 19.642857 | 19.642857 | 18.181818 | 46.551724 | 43.333333 | 19.642857 | 19.642857 | 19.642857 | 19.642857 | 19.642857 | 19.642857 | 21.052632 | 23.333333 | 12.068966 | 17.54386 | 15 | 46.551724 | 21.818182 | 15 | 23.333333 | 26.315789 | 16.949153 | 25 | 23.728814 | 23.728814 | 24.137931 | 14.035088 | 20.689655 | 21.052632 | 20.689655 | 23.333333 | 20.338983 | 16.666667 | 21.666667 | 21.428571 | 3.333333 | 21.666667 | 23.333333 | 25.454545 | 20 | 5.084746 | 11.666667 | 20.689655 | 13.333333 | 14.285714 | 13.793103 | 16.666667 | 20.689655 | 14.035088 | 15 | 24.137931 | 30.357143 | 21.666667 | 23.333333 | 21.666667 | 21.666667 | 22.413793 | 20.689655 | 23.214286 | 14.035088 | 21.052632 | 19.642857 | 20 | 20.689655 | 21.428571 | 21.428571 | 20 | 20.689655 | 20.338983 | 21.428571 | 15 | 18.333333 | 20 | 20 | 5 | 5 |
| NaN | SH3PXD2B-3/4 | 0 | 16.071429 | 23.214286 | 25 | 16.071429 | 23.214286 | 23.214286 | 23.214286 | 23.214286 | 16.071429 | 25 | 23.214286 | 14.285714 | 21.428571 | 1.785714 | 14.285714 | 12.5 | 12.5 | 23.636364 | 37.5 | 37.5 | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 19.642857 | 19.642857 | 16.071429 | 23.214286 | 25 | 37.5 | 18.181818 | 12.5 | 26.785714 | 26.785714 | 23.214286 | 23.214286 | 25 | 23.214286 | 23.214286 | 25 | 17.857143 | 17.857143 | 17.857143 | 19.642857 | 14.285714 | 1.785714 | 19.642857 | 23.214286 | 21.428571 | 19.642857 | 19.642857 | 25.454545 | 17.857143 | 1.785714 | 3.571429 | 19.642857 | 7.142857 | 14.285714 | 14.285714 | 23.214286 | 23.214286 | 25 | 7.142857 | 19.642857 | 19.642857 | 16.071429 | 23.214286 | 25 | 25 | 25 | 16.071429 | 23.214286 | 25 | 14.285714 | 12.5 | 12.5 | 23.214286 | 23.214286 | 23.214286 | 23.214286 | 23.214286 | 23.214286 | 23.214286 | 21.428571 | 16.071429 | 12.5 | 17.857143 | 16.071429 | 16.071429 |
| NaN | SH3RF1-1/4 | 0 | 28.571429 | 19.642857 | 33.928571 | 28.571429 | 32.142857 | 19.642857 | 32.142857 | 32.142857 | 28.571429 | 35.714286 | 28.571429 | 33.928571 | 37.5 | 25 | 32.142857 | 30.357143 | 30.357143 | 29.090909 | 17.857143 | 17.857143 | 30.357143 | 30.357143 | 30.357143 | 30.357143 | 30.357143 | 30.357143 | 35.714286 | 46.428571 | 35.714286 | 28.571429 | 32.142857 | 17.857143 | 30.909091 | 33.928571 | 37.5 | 37.5 | 30.357143 | 32.142857 | 35.714286 | 39.285714 | 39.285714 | 35.714286 | 35.714286 | 35.714286 | 35.714286 | 33.928571 | 17.857143 | 25 | 28.571429 | 17.857143 | 44.642857 | 30.357143 | 30.357143 | 36.363636 | 14.285714 | 39.285714 | 23.214286 | 35.714286 | 23.214286 | 33.928571 | 33.928571 | 28.571429 | 17.857143 | 35.714286 | 26.785714 | 33.928571 | 33.928571 | 28.571429 | 32.142857 | 25 | 25 | 25 | 28.571429 | 26.785714 | 35.714286 | 30.357143 | 30.357143 | 30.357143 | 19.642857 | 17.857143 | 17.857143 | 19.642857 | 19.642857 | 19.642857 | 19.642857 | 44.642857 | 32.142857 | 30.357143 | 35.714286 | 25 | 25 |
| NaN | SH3RF1-2/4 | 0 | 25.862069 | 5.172414 | 30.357143 | 25.862069 | 33.898305 | 5.172414 | 35.087719 | 35.087719 | 25 | 35.087719 | 33.333333 | 28.813559 | 33.333333 | 1.666667 | 23.333333 | 26.785714 | 26.785714 | 36.363636 | 17.241379 | 16.666667 | 26.785714 | 26.785714 | 26.785714 | 26.785714 | 26.785714 | 26.785714 | 38.596491 | 36.666667 | 31.034483 | 35.087719 | 28.333333 | 17.241379 | 32.727273 | 30 | 26.666667 | 26.315789 | 35.59322 | 33.333333 | 27.118644 | 33.898305 | 34.482759 | 35.087719 | 22.413793 | 22.807018 | 22.413793 | 25 | 16.949153 | 5 | 26.666667 | 5.357143 | 30 | 31.666667 | 31.666667 | 29.090909 | 1.666667 | 32.20339 | 3.333333 | 37.931034 | 25 | 30.357143 | 29.310345 | 33.333333 | 5.172414 | 35.087719 | 1.666667 | 22.413793 | 30.357143 | 25 | 33.333333 | 1.666667 | 1.666667 | 3.448276 | 25.862069 | 23.214286 | 35.087719 | 28.070175 | 28.571429 | 26.666667 | 3.448276 | 5.357143 | 5.357143 | 1.666667 | 3.448276 | 3.389831 | 5.357143 | 33.333333 | 30 | 25 | 20 | 5 | 5 |
| NaN | SH3RF1-3/4 | 0 | 39.655172 | 25.862069 | 21.428571 | 39.655172 | 18.965517 | 25.862069 | 19.298246 | 19.298246 | 39.655172 | 28.070175 | 36.206897 | 31.034483 | 20.689655 | 34.482759 | 24.137931 | 35.714286 | 35.714286 | 38.181818 | 25.862069 | 32.758621 | 35.714286 | 35.714286 | 35.714286 | 35.714286 | 35.714286 | 35.714286 | 24.561404 | 25.862069 | 24.137931 | 36.842105 | 39.655172 | 25.862069 | 30.909091 | 27.586207 | 34.482759 | 24.561404 | 36.206897 | 29.310345 | 36.206897 | 29.310345 | 29.310345 | 28.070175 | 31.034483 | 31.578947 | 31.034483 | 20.689655 | 22.413793 | 22.413793 | 25.862069 | 25 | 25.862069 | 36.206897 | 36.206897 | 38.181818 | 17.241379 | 25.862069 | 20.689655 | 24.137931 | 20.689655 | 30.357143 | 29.310345 | 36.206897 | 24.137931 | 28.070175 | 31.034483 | 20.689655 | 35.714286 | 39.655172 | 27.586207 | 24.137931 | 24.137931 | 24.137931 | 39.655172 | 35.714286 | 28.070175 | 36.842105 | 35.714286 | 34.482759 | 27.586207 | 25 | 25 | 25.862069 | 25.862069 | 25.862069 | 26.785714 | 25.862069 | 22.413793 | 34.482759 | 31.034483 | 1.724138 | 1.724138 |
| NaN | SH3RF1-4/4 | 0 | 19.298246 | 1.754386 | 30.357143 | 19.298246 | 29.824561 | 1.754386 | 29.824561 | 29.824561 | 19.298246 | 28.070175 | 28.070175 | 28.070175 | 15.789474 | 29.824561 | 26.315789 | 21.428571 | 21.428571 | 29.090909 | 35.087719 | 35.087719 | 21.428571 | 21.428571 | 21.428571 | 21.428571 | 21.428571 | 21.428571 | 28.070175 | 24.561404 | 29.824561 | 28.070175 | 19.298246 | 35.087719 | 27.272727 | 22.807018 | 35.087719 | 36.842105 | 28.070175 | 26.315789 | 35.087719 | 38.596491 | 38.596491 | 28.070175 | 36.842105 | 36.842105 | 36.842105 | 26.315789 | 19.298246 | 21.052632 | 38.596491 | 1.785714 | 15.789474 | 19.298246 | 19.298246 | 36.363636 | 3.508772 | 26.315789 | 26.315789 | 28.070175 | 17.54386 | 28.571429 | 28.070175 | 28.070175 | 1.754386 | 28.070175 | 36.842105 | 24.561404 | 48.214286 | 19.298246 | 26.315789 | 5.263158 | 5.263158 | 0 | 19.298246 | 33.928571 | 28.070175 | 21.052632 | 21.428571 | 21.052632 | 5.263158 | 3.571429 | 3.571429 | 3.508772 | 5.263158 | 5.263158 | 3.571429 | 15.789474 | 29.824561 | 21.052632 | 36.842105 | 28.070175 | 28.070175 |
| NaN | SH3RF2-3/3 | 0 | 39.655172 | 37.931034 | 26.785714 | 39.655172 | 22.413793 | 37.931034 | 22.807018 | 22.807018 | 39.655172 | 26.315789 | 34.482759 | 27.586207 | 22.413793 | 34.482759 | 29.310345 | 35.714286 | 35.714286 | 36.363636 | 22.413793 | 34.482759 | 35.714286 | 35.714286 | 35.714286 | 35.714286 | 35.714286 | 35.714286 | 29.824561 | 32.758621 | 27.586207 | 35.087719 | 36.206897 | 22.413793 | 32.727273 | 5.172414 | 32.758621 | 33.333333 | 34.482759 | 37.931034 | 32.758621 | 34.482759 | 34.482759 | 26.315789 | 37.931034 | 38.596491 | 37.931034 | 25.862069 | 29.310345 | 27.586207 | 27.586207 | 37.5 | 29.310345 | 34.482759 | 34.482759 | 34.545455 | 20.689655 | 25.862069 | 22.413793 | 29.310345 | 24.137931 | 26.785714 | 25.862069 | 34.482759 | 36.206897 | 26.315789 | 24.137931 | 25.862069 | 26.785714 | 39.655172 | 36.206897 | 20.689655 | 20.689655 | 20.689655 | 39.655172 | 32.142857 | 26.315789 | 38.596491 | 37.5 | 36.206897 | 39.655172 | 35.714286 | 35.714286 | 37.931034 | 37.931034 | 37.931034 | 37.5 | 29.310345 | 32.758621 | 34.482759 | 37.931034 | 6.896552 | 6.896552 |
| NaN | SH3RF3-1/2 | 0 | 39.655172 | 36.206897 | 28.571429 | 39.655172 | 24.137931 | 36.206897 | 24.561404 | 24.561404 | 39.655172 | 31.578947 | 32.758621 | 37.931034 | 22.413793 | 3.448276 | 27.586207 | 33.928571 | 33.928571 | 34.545455 | 24.137931 | 32.758621 | 33.928571 | 33.928571 | 33.928571 | 33.928571 | 33.928571 | 33.928571 | 31.578947 | 29.310345 | 31.034483 | 33.333333 | 37.931034 | 24.137931 | 34.545455 | 24.137931 | 31.034483 | 29.824561 | 32.758621 | 31.034483 | 31.034483 | 34.482759 | 34.482759 | 31.578947 | 31.034483 | 31.578947 | 31.034483 | 25.862069 | 24.137931 | 25.862069 | 24.137931 | 35.714286 | 24.137931 | 36.206897 | 36.206897 | 32.727273 | 24.137931 | 27.586207 | 27.586207 | 31.034483 | 24.137931 | 37.5 | 36.206897 | 32.758621 | 34.482759 | 31.578947 | 36.206897 | 25.862069 | 33.928571 | 39.655172 | 31.034483 | 24.137931 | 24.137931 | 24.137931 | 39.655172 | 35.714286 | 31.578947 | 35.087719 | 33.928571 | 32.758621 | 37.931034 | 33.928571 | 33.928571 | 36.206897 | 36.206897 | 36.206897 | 35.714286 | 24.137931 | 25.862069 | 32.758621 | 31.034483 | 1.724138 | 1.724138 |
| NaN | SH3YL1-1/1 | 0 | 26.315789 | 24.561404 | 30.357143 | 26.315789 | 29.824561 | 24.561404 | 29.824561 | 29.824561 | 26.315789 | 29.824561 | 36.842105 | 45.614035 | 35.087719 | 3.508772 | 31.578947 | 32.142857 | 32.142857 | 38.181818 | 21.052632 | 21.052632 | 32.142857 | 32.142857 | 32.142857 | 32.142857 | 32.142857 | 32.142857 | 47.368421 | 52.631579 | 42.105263 | 36.842105 | 36.842105 | 21.052632 | 32.727273 | 26.315789 | 36.842105 | 33.333333 | 36.842105 | 36.842105 | 36.842105 | 43.859649 | 43.859649 | 29.824561 | 26.315789 | 26.315789 | 26.315789 | 29.824561 | 26.315789 | 19.298246 | 24.561404 | 23.214286 | 28.070175 | 35.087719 | 35.087719 | 38.181818 | 26.315789 | 29.824561 | 17.54386 | 47.368421 | 21.052632 | 46.428571 | 45.614035 | 36.842105 | 22.807018 | 29.824561 | 19.298246 | 29.824561 | 26.785714 | 26.315789 | 36.842105 | 24.561404 | 24.561404 | 24.561404 | 26.315789 | 26.785714 | 29.824561 | 29.824561 | 30.357143 | 29.824561 | 24.561404 | 23.214286 | 23.214286 | 24.561404 | 24.561404 | 24.561404 | 25 | 28.070175 | 29.824561 | 31.578947 | 26.315789 | 29.824561 | 29.824561 |
| NaN | SNX18-1/1 | 0 | 20.689655 | 24.137931 | 23.214286 | 20.689655 | 25.862069 | 24.137931 | 26.315789 | 26.315789 | 20.689655 | 24.561404 | 32.758621 | 25.862069 | 24.137931 | 27.586207 | 36.206897 | 26.785714 | 26.785714 | 34.545455 | 20.689655 | 20.689655 | 26.785714 | 26.785714 | 26.785714 | 26.785714 | 26.785714 | 26.785714 | 31.578947 | 29.310345 | 34.482759 | 33.333333 | 22.413793 | 20.689655 | 23.636364 | 22.413793 | 32.758621 | 26.315789 | 32.758621 | 36.206897 | 31.034483 | 34.482759 | 34.482759 | 24.561404 | 31.034483 | 31.578947 | 31.034483 | 29.310345 | 22.413793 | 36.206897 | 31.034483 | 25 | 27.586207 | 20.689655 | 20.689655 | 32.727273 | 22.413793 | 27.586207 | 31.034483 | 31.034483 | 22.413793 | 26.785714 | 25.862069 | 32.758621 | 24.137931 | 24.561404 | 37.931034 | 29.310345 | 21.428571 | 20.689655 | 36.206897 | 25.862069 | 25.862069 | 25.862069 | 20.689655 | 25 | 24.561404 | 26.315789 | 26.785714 | 25.862069 | 24.137931 | 25 | 25 | 24.137931 | 24.137931 | 24.137931 | 25 | 27.586207 | 27.586207 | 25.862069 | 31.034483 | 18.965517 | 18.965517 |
| NaN | SNX33-1/1 | 0 | 29.310345 | 27.586207 | 25 | 29.310345 | 25.862069 | 27.586207 | 26.315789 | 26.315789 | 29.310345 | 24.561404 | 27.586207 | 24.137931 | 25.862069 | 5.172414 | 34.482759 | 33.928571 | 33.928571 | 29.090909 | 17.241379 | 17.241379 | 33.928571 | 33.928571 | 33.928571 | 33.928571 | 33.928571 | 33.928571 | 22.807018 | 27.586207 | 34.482759 | 28.070175 | 18.965517 | 17.241379 | 23.636364 | 22.413793 | 31.034483 | 22.807018 | 27.586207 | 39.655172 | 29.310345 | 22.413793 | 22.413793 | 24.561404 | 24.137931 | 24.561404 | 24.137931 | 27.586207 | 24.137931 | 29.310345 | 25.862069 | 28.571429 | 17.241379 | 25.862069 | 25.862069 | 30.909091 | 20.689655 | 24.137931 | 29.310345 | 22.413793 | 22.413793 | 25 | 24.137931 | 27.586207 | 27.586207 | 24.561404 | 37.931034 | 27.586207 | 21.428571 | 29.310345 | 39.655172 | 22.413793 | 22.413793 | 22.413793 | 29.310345 | 37.5 | 24.561404 | 33.333333 | 35.714286 | 34.482759 | 27.586207 | 28.571429 | 28.571429 | 27.586207 | 27.586207 | 27.586207 | 28.571429 | 17.241379 | 25.862069 | 32.758621 | 24.137931 | 22.413793 | 22.413793 |
| NaN | SNX9-1/1 | 0 | 29.310345 | 29.310345 | 26.785714 | 29.310345 | 25.423729 | 29.310345 | 26.315789 | 26.315789 | 28.813559 | 29.824561 | 27.118644 | 5.084746 | 23.728814 | 18.644068 | 30.508475 | 25 | 25 | 29.090909 | 22.413793 | 16.949153 | 25 | 25 | 25 | 25 | 25 | 25 | 26.315789 | 28.813559 | 37.931034 | 28.070175 | 15.254237 | 22.413793 | 21.818182 | 6.779661 | 27.118644 | 38.596491 | 27.118644 | 32.20339 | 27.118644 | 33.898305 | 34.482759 | 29.824561 | 36.206897 | 36.842105 | 36.206897 | 27.118644 | 18.644068 | 32.20339 | 30.508475 | 30.357143 | 16.949153 | 1.694915 | 1.694915 | 29.090909 | 25.423729 | 30.508475 | 25.423729 | 25.862069 | 28.813559 | 23.214286 | 22.413793 | 27.118644 | 29.310345 | 29.824561 | 38.983051 | 27.586207 | 25 | 28.813559 | 32.20339 | 18.644068 | 18.644068 | 18.965517 | 29.310345 | 26.785714 | 29.824561 | 24.561404 | 25 | 25.423729 | 29.310345 | 30.357143 | 30.357143 | 28.813559 | 29.310345 | 28.813559 | 30.357143 | 18.644068 | 33.898305 | 25.423729 | 35.59322 | 22.033898 | 22.033898 |
| NaN | SORBS1-2/3 | 2 | 27.586207 | 20.689655 | 33.928571 | 27.586207 | 24.137931 | 20.689655 | 24.561404 | 24.561404 | 27.586207 | 33.333333 | 29.310345 | 31.034483 | 29.310345 | 1.724138 | 3.448276 | 25 | 25 | 30.909091 | 12.068966 | 18.965517 | 25 | 25 | 25 | 25 | 25 | 25 | 38.596491 | 32.758621 | 29.310345 | 29.824561 | 25.862069 | 12.068966 | 27.272727 | 29.310345 | 41.37931 | 40.350877 | 29.310345 | 29.310345 | 39.655172 | 25.862069 | 25.862069 | 33.333333 | 31.034483 | 31.578947 | 31.034483 | 24.137931 | 25.862069 | 20.689655 | 18.965517 | 21.428571 | 100 | 24.137931 | 24.137931 | 41.818182 | 1.724138 | 24.137931 | 20.689655 | 37.931034 | 25.862069 | 32.142857 | 31.034483 | 29.310345 | 20.689655 | 33.333333 | 25.862069 | 24.137931 | 21.428571 | 27.586207 | 31.034483 | 15.517241 | 15.517241 | 15.517241 | 27.586207 | 26.785714 | 33.333333 | 26.315789 | 26.785714 | 25.862069 | 18.965517 | 21.428571 | 21.428571 | 20.689655 | 20.689655 | 20.689655 | 21.428571 | 100 | 41.37931 | 24.137931 | 31.034483 | 1.724138 | 1.724138 |
| NaN | SORBS1-3/3 | 0 | 27.586207 | 24.137931 | 26.785714 | 27.586207 | 22.413793 | 24.137931 | 22.807018 | 22.807018 | 27.586207 | 29.824561 | 34.482759 | 41.37931 | 18.965517 | 37.931034 | 27.586207 | 28.571429 | 28.571429 | 36.363636 | 29.310345 | 29.310345 | 28.571429 | 28.571429 | 28.571429 | 28.571429 | 28.571429 | 28.571429 | 35.087719 | 31.034483 | 29.310345 | 35.087719 | 32.758621 | 29.310345 | 38.181818 | 24.137931 | 31.034483 | 31.578947 | 34.482759 | 36.206897 | 31.034483 | 34.482759 | 34.482759 | 29.824561 | 29.310345 | 29.824561 | 29.310345 | 25.862069 | 22.413793 | 24.137931 | 34.482759 | 23.214286 | 22.413793 | 29.310345 | 29.310345 | 32.727273 | 22.413793 | 31.034483 | 3.448276 | 34.482759 | 24.137931 | 41.071429 | 39.655172 | 34.482759 | 22.413793 | 29.824561 | 34.482759 | 25.862069 | 48.214286 | 27.586207 | 36.206897 | 20.689655 | 20.689655 | 20.689655 | 27.586207 | 41.071429 | 29.824561 | 28.070175 | 26.785714 | 25.862069 | 24.137931 | 23.214286 | 23.214286 | 24.137931 | 24.137931 | 24.137931 | 25 | 22.413793 | 29.310345 | 27.586207 | 29.310345 | 22.413793 | 22.413793 |
| NaN | SORBS2-1/3 | 0 | 33.928571 | 26.785714 | 44.642857 | 33.928571 | 35.714286 | 26.785714 | 35.714286 | 35.714286 | 33.928571 | 46.428571 | 35.714286 | 35.714286 | 37.5 | 21.428571 | 35.714286 | 30.357143 | 30.357143 | 36.363636 | 23.214286 | 23.214286 | 30.357143 | 30.357143 | 30.357143 | 30.357143 | 30.357143 | 30.357143 | 42.857143 | 44.642857 | 37.5 | 35.714286 | 28.571429 | 23.214286 | 36.363636 | 21.428571 | 39.285714 | 33.928571 | 35.714286 | 37.5 | 37.5 | 42.857143 | 42.857143 | 46.428571 | 30.357143 | 30.357143 | 30.357143 | 32.142857 | 28.571429 | 32.142857 | 33.928571 | 26.785714 | 46.428571 | 30.357143 | 30.357143 | 38.181818 | 26.785714 | 33.928571 | 28.571429 | 42.857143 | 23.214286 | 35.714286 | 35.714286 | 35.714286 | 26.785714 | 46.428571 | 16.071429 | 32.142857 | 26.785714 | 33.928571 | 37.5 | 33.928571 | 33.928571 | 33.928571 | 33.928571 | 35.714286 | 46.428571 | 32.142857 | 32.142857 | 32.142857 | 26.785714 | 26.785714 | 26.785714 | 26.785714 | 26.785714 | 26.785714 | 26.785714 | 46.428571 | 69.642857 | 30.357143 | 30.357143 | 26.785714 | 26.785714 |
| NaN | SORBS2-2/3 | 0 | 29.310345 | 27.586207 | 41.071429 | 29.310345 | 24.137931 | 27.586207 | 24.561404 | 24.561404 | 29.310345 | 42.105263 | 32.758621 | 31.034483 | 29.310345 | 20.689655 | 31.034483 | 25 | 25 | 34.545455 | 18.965517 | 18.965517 | 25 | 25 | 25 | 25 | 25 | 25 | 36.842105 | 36.206897 | 27.586207 | 33.333333 | 24.137931 | 18.965517 | 27.272727 | 29.310345 | 36.206897 | 33.333333 | 32.758621 | 31.034483 | 34.482759 | 29.310345 | 29.310345 | 42.105263 | 31.034483 | 31.578947 | 31.034483 | 27.586207 | 31.034483 | 27.586207 | 25.862069 | 28.571429 | 70.689655 | 27.586207 | 27.586207 | 36.363636 | 20.689655 | 29.310345 | 25.862069 | 36.206897 | 20.689655 | 32.142857 | 31.034483 | 32.758621 | 27.586207 | 42.105263 | 24.137931 | 27.586207 | 23.214286 | 29.310345 | 32.758621 | 13.793103 | 13.793103 | 13.793103 | 29.310345 | 32.142857 | 42.105263 | 26.315789 | 26.785714 | 25.862069 | 27.586207 | 28.571429 | 28.571429 | 27.586207 | 27.586207 | 27.586207 | 28.571429 | 70.689655 | 50 | 24.137931 | 31.034483 | 1.724138 | 1.724138 |
| NaN | SORBS2-3/3 | 0 | 29.824561 | 19.298246 | 21.428571 | 29.824561 | 22.807018 | 19.298246 | 22.807018 | 22.807018 | 29.824561 | 26.315789 | 33.333333 | 35.087719 | 22.807018 | 38.596491 | 29.824561 | 28.571429 | 28.571429 | 34.545455 | 24.561404 | 35.087719 | 28.571429 | 28.571429 | 28.571429 | 28.571429 | 28.571429 | 28.571429 | 33.333333 | 31.578947 | 28.070175 | 33.333333 | 31.578947 | 24.561404 | 38.181818 | 26.315789 | 36.842105 | 26.315789 | 33.333333 | 35.087719 | 36.842105 | 35.087719 | 35.087719 | 26.315789 | 29.824561 | 29.824561 | 29.824561 | 24.561404 | 22.807018 | 21.052632 | 29.824561 | 17.857143 | 24.561404 | 29.824561 | 29.824561 | 38.181818 | 22.807018 | 33.333333 | 1.754386 | 33.333333 | 22.807018 | 35.714286 | 35.087719 | 33.333333 | 17.54386 | 26.315789 | 31.578947 | 24.561404 | 44.642857 | 29.824561 | 35.087719 | 21.052632 | 21.052632 | 21.052632 | 29.824561 | 37.5 | 26.315789 | 29.824561 | 28.571429 | 28.070175 | 19.298246 | 17.857143 | 17.857143 | 19.298246 | 19.298246 | 19.298246 | 19.642857 | 24.561404 | 24.561404 | 28.070175 | 29.824561 | 1.754386 | 1.754386 |
| NaN | SORBS3-1/3 | 0 | 25 | 21.428571 | 37.5 | 25 | 32.142857 | 21.428571 | 32.142857 | 32.142857 | 25 | 39.285714 | 35.714286 | 35.714286 | 33.928571 | 33.928571 | 33.928571 | 21.428571 | 21.428571 | 36.363636 | 25 | 25 | 21.428571 | 21.428571 | 21.428571 | 21.428571 | 21.428571 | 21.428571 | 39.285714 | 39.285714 | 33.928571 | 35.714286 | 21.428571 | 25 | 36.363636 | 23.214286 | 39.285714 | 39.285714 | 35.714286 | 35.714286 | 39.285714 | 35.714286 | 35.714286 | 39.285714 | 35.714286 | 35.714286 | 35.714286 | 35.714286 | 26.785714 | 25 | 32.142857 | 19.642857 | 39.285714 | 26.785714 | 26.785714 | 40 | 26.785714 | 33.928571 | 28.571429 | 39.285714 | 21.428571 | 35.714286 | 35.714286 | 35.714286 | 19.642857 | 39.285714 | 32.142857 | 35.714286 | 35.714286 | 25 | 35.714286 | 25 | 25 | 25 | 25 | 32.142857 | 39.285714 | 23.214286 | 23.214286 | 23.214286 | 21.428571 | 19.642857 | 19.642857 | 21.428571 | 21.428571 | 21.428571 | 21.428571 | 39.285714 | 69.642857 | 21.428571 | 35.714286 | 32.142857 | 32.142857 |
| NaN | SRC-1/1-IS1/2 | 12 | 74.137931 | 32.758621 | 30.357143 | 74.137931 | 40.677966 | 32.758621 | 42.105263 | 42.105263 | 70.967742 | 31.578947 | 31.666667 | 32.20339 | 35 | 20.3125 | 26.5625 | 98.214286 | 98.214286 | 34.545455 | 25.862069 | 23.4375 | 98.214286 | 98.214286 | 98.214286 | 98.214286 | 98.214286 | 98.214286 | 29.824561 | 33.333333 | 31.034483 | 33.333333 | 46.666667 | 25.862069 | 34.545455 | 25 | 31.25 | 21.052632 | 32.20339 | 26.5625 | 33.898305 | 30.508475 | 31.034483 | 31.578947 | 24.137931 | 24.561404 | 24.137931 | 32.258065 | 30.508475 | 25 | 25 | 32.142857 | 21.875 | 48.387097 | 47.619048 | 36.363636 | 26.5625 | 28.813559 | 23.4375 | 29.310345 | 34.375 | 32.142857 | 31.034483 | 30.645161 | 31.034483 | 31.578947 | 26.5625 | 34.482759 | 28.571429 | 72.131148 | 25 | 30.15873 | 31.147541 | 32.758621 | 74.137931 | 32.142857 | 31.578947 | 94.736842 | 94.642857 | 88.52459 | 32.758621 | 32.142857 | 32.142857 | 30.645161 | 32.758621 | 32.20339 | 33.928571 | 21.875 | 3.278689 | 91.803279 | 21.875 | 26.5625 | 26.5625 |
| NaN | SRC-1/1-IS2/2 | 12 | 74.137931 | 36.206897 | 30.357143 | 74.137931 | 39.655172 | 36.206897 | 40.350877 | 40.350877 | 75.862069 | 31.578947 | 32.758621 | 32.758621 | 36.206897 | 3.448276 | 32.758621 | 98.214286 | 98.214286 | 34.545455 | 25.862069 | 25.862069 | 98.214286 | 98.214286 | 98.214286 | 98.214286 | 98.214286 | 98.214286 | 29.824561 | 27.586207 | 31.034483 | 33.333333 | 48.275862 | 25.862069 | 34.545455 | 24.137931 | 32.758621 | 22.807018 | 32.758621 | 29.310345 | 32.758621 | 31.034483 | 31.034483 | 31.578947 | 25.862069 | 26.315789 | 25.862069 | 32.758621 | 31.034483 | 27.586207 | 27.586207 | 35.714286 | 24.137931 | 53.448276 | 53.448276 | 34.545455 | 25.862069 | 29.310345 | 25.862069 | 29.310345 | 39.655172 | 32.142857 | 31.034483 | 32.758621 | 34.482759 | 31.578947 | 29.310345 | 32.758621 | 26.785714 | 75.862069 | 27.586207 | 31.034483 | 31.034483 | 31.034483 | 74.137931 | 32.142857 | 31.578947 | 94.736842 | 94.642857 | 93.103448 | 36.206897 | 35.714286 | 35.714286 | 36.206897 | 36.206897 | 36.206897 | 37.5 | 24.137931 | 20.689655 | 96.551724 | 25.862069 | 29.310345 | 29.310345 |
| NaN | SRGAP1-1/1 | 0 | 32.142857 | 28.571429 | 39.285714 | 32.142857 | 30.357143 | 28.571429 | 30.357143 | 30.357143 | 33.928571 | 39.285714 | 26.785714 | 25 | 28.571429 | 23.214286 | 5.357143 | 32.142857 | 32.142857 | 27.272727 | 19.642857 | 21.428571 | 32.142857 | 32.142857 | 32.142857 | 32.142857 | 32.142857 | 32.142857 | 30.357143 | 32.142857 | 23.214286 | 26.785714 | 25 | 19.642857 | 27.272727 | 23.214286 | 33.928571 | 32.142857 | 26.785714 | 28.571429 | 33.928571 | 33.928571 | 33.928571 | 39.285714 | 25 | 25 | 25 | 33.928571 | 28.571429 | 23.214286 | 21.428571 | 28.571429 | 41.071429 | 30.357143 | 30.357143 | 34.545455 | 21.428571 | 28.571429 | 26.785714 | 30.357143 | 26.785714 | 25 | 25 | 26.785714 | 30.357143 | 39.285714 | 5.357143 | 35.714286 | 25 | 33.928571 | 30.357143 | 26.785714 | 26.785714 | 26.785714 | 32.142857 | 25 | 39.285714 | 33.928571 | 32.142857 | 33.928571 | 28.571429 | 28.571429 | 28.571429 | 28.571429 | 28.571429 | 28.571429 | 28.571429 | 41.071429 | 33.928571 | 33.928571 | 25 | 17.857143 | 17.857143 |
| NaN | STAC2-1/1 | 0 | 28.571429 | 25 | 23.214286 | 28.571429 | 25 | 25 | 25 | 25 | 28.571429 | 23.214286 | 33.928571 | 39.285714 | 33.928571 | 28.571429 | 28.571429 | 28.571429 | 28.571429 | 34.545455 | 25 | 25 | 28.571429 | 28.571429 | 28.571429 | 28.571429 | 28.571429 | 28.571429 | 37.5 | 44.642857 | 37.5 | 33.928571 | 26.785714 | 25 | 25.454545 | 16.071429 | 26.785714 | 26.785714 | 33.928571 | 30.357143 | 26.785714 | 30.357143 | 30.357143 | 23.214286 | 28.571429 | 28.571429 | 28.571429 | 32.142857 | 26.785714 | 21.428571 | 30.357143 | 23.214286 | 26.785714 | 33.928571 | 33.928571 | 27.272727 | 19.642857 | 28.571429 | 21.428571 | 37.5 | 19.642857 | 39.285714 | 39.285714 | 33.928571 | 23.214286 | 23.214286 | 3.571429 | 32.142857 | 32.142857 | 28.571429 | 28.571429 | 21.428571 | 21.428571 | 21.428571 | 28.571429 | 28.571429 | 23.214286 | 30.357143 | 30.357143 | 30.357143 | 23.214286 | 23.214286 | 23.214286 | 25 | 25 | 25 | 25 | 26.785714 | 26.785714 | 28.571429 | 28.571429 | 26.785714 | 26.785714 |
| NaN | STAM-1/1 | 1 | 33.928571 | 35.714286 | 39.285714 | 33.928571 | 32.142857 | 35.714286 | 32.142857 | 32.142857 | 33.928571 | 39.285714 | 51.785714 | 50 | 30.357143 | 25 | 35.714286 | 30.357143 | 30.357143 | 50.909091 | 25 | 25 | 30.357143 | 30.357143 | 30.357143 | 30.357143 | 30.357143 | 30.357143 | 42.857143 | 37.5 | 80.357143 | 51.785714 | 30.357143 | 25 | 36.363636 | 28.571429 | 33.928571 | 39.285714 | 50 | 37.5 | 33.928571 | 37.5 | 37.5 | 39.285714 | 37.5 | 37.5 | 37.5 | 32.142857 | 33.928571 | 28.571429 | 33.928571 | 33.928571 | 30.357143 | 32.142857 | 32.142857 | 34.545455 | 32.142857 | 44.642857 | 28.571429 | 42.857143 | 30.357143 | 51.785714 | 51.785714 | 51.785714 | 33.928571 | 39.285714 | 1.785714 | 32.142857 | 32.142857 | 33.928571 | 37.5 | 30.357143 | 30.357143 | 30.357143 | 33.928571 | 26.785714 | 39.285714 | 30.357143 | 30.357143 | 30.357143 | 35.714286 | 33.928571 | 33.928571 | 35.714286 | 35.714286 | 35.714286 | 35.714286 | 30.357143 | 33.928571 | 30.357143 | 37.5 | 26.785714 | 26.785714 |
| NaN | TEC-1/1 | 0 | 40.350877 | 29.824561 | 28.571429 | 40.350877 | 35.087719 | 29.824561 | 35.087719 | 35.087719 | 40.350877 | 29.824561 | 29.824561 | 31.578947 | 33.333333 | 22.807018 | 42.105263 | 35.714286 | 35.714286 | 30.909091 | 22.807018 | 22.807018 | 35.714286 | 35.714286 | 35.714286 | 35.714286 | 35.714286 | 35.714286 | 31.578947 | 35.087719 | 35.087719 | 29.824561 | 33.333333 | 22.807018 | 29.090909 | 26.315789 | 28.070175 | 26.315789 | 29.824561 | 33.333333 | 26.315789 | 29.824561 | 29.824561 | 29.824561 | 22.807018 | 22.807018 | 22.807018 | 24.561404 | 33.333333 | 26.315789 | 29.824561 | 28.571429 | 21.052632 | 38.596491 | 38.596491 | 27.272727 | 33.333333 | 33.333333 | 22.807018 | 31.578947 | 29.824561 | 32.142857 | 31.578947 | 29.824561 | 28.070175 | 29.824561 | 8.77193 | 24.561404 | 21.428571 | 40.350877 | 31.578947 | 33.333333 | 33.333333 | 33.333333 | 40.350877 | 23.214286 | 29.824561 | 35.087719 | 35.714286 | 35.087719 | 29.824561 | 28.571429 | 28.571429 | 29.824561 | 29.824561 | 29.824561 | 30.357143 | 21.052632 | 24.561404 | 35.087719 | 22.807018 | 17.54386 | 17.54386 |
| NaN | TNK1-1/1-SV3/3\* | 0 | 8.62069 | 5.172414 | 3.571429 | 8.62069 | 3.389831 | 5.172414 | 0 | 0 | 9.677419 | 3.508772 | 1.666667 | 6.779661 | 1.666667 | 10.9375 | 0 | 5.357143 | 5.357143 | 5.454545 | 1.724138 | 1.5625 | 5.357143 | 5.357143 | 5.357143 | 5.357143 | 5.357143 | 5.357143 | 5.263158 | 5 | 31.034483 | 1.754386 | 11.666667 | 1.724138 | 3.636364 | 3.125 | 3.125 | 3.508772 | 6.779661 | 7.8125 | 3.389831 | 6.779661 | 6.896552 | 3.508772 | 1.724138 | 1.754386 | 1.724138 | 3.225806 | 1.694915 | 6.25 | 6.25 | 5.357143 | 3.125 | 25.806452 | 25.396825 | 5.454545 | 1.5625 | 1.694915 | 4.6875 | 5.172414 | 4.6875 | 1.785714 | 5.172414 | 3.225806 | 5.172414 | 3.508772 | 1.5625 | 1.724138 | 3.571429 | 9.836066 | 4.6875 | 7.936508 | 8.196721 | 3.448276 | 8.62069 | 7.142857 | 3.508772 | 3.508772 | 5.357143 | 3.278689 | 6.896552 | 5.357143 | 5.357143 | 6.451613 | 6.896552 | 6.779661 | 5.357143 | 1.5625 | 3.278689 | 3.278689 | 1.5625 | 1.5625 | 1.5625 |
| NaN | TXK-1/1 | 0 | 36.842105 | 26.315789 | 23.214286 | 36.842105 | 31.578947 | 26.315789 | 31.578947 | 31.578947 | 36.842105 | 24.561404 | 36.842105 | 36.842105 | 29.824561 | 17.54386 | 43.859649 | 33.928571 | 33.928571 | 38.181818 | 19.298246 | 19.298246 | 33.928571 | 33.928571 | 33.928571 | 33.928571 | 33.928571 | 33.928571 | 35.087719 | 35.087719 | 35.087719 | 36.842105 | 31.578947 | 19.298246 | 29.090909 | 17.54386 | 26.315789 | 24.561404 | 36.842105 | 26.315789 | 24.561404 | 31.578947 | 31.578947 | 24.561404 | 24.561404 | 24.561404 | 24.561404 | 26.315789 | 26.315789 | 28.070175 | 29.824561 | 25 | 21.052632 | 31.578947 | 31.578947 | 25.454545 | 31.578947 | 28.070175 | 29.824561 | 35.087719 | 33.333333 | 37.5 | 36.842105 | 36.842105 | 24.561404 | 24.561404 | 3.508772 | 26.315789 | 30.357143 | 36.842105 | 26.315789 | 33.333333 | 33.333333 | 33.333333 | 36.842105 | 19.642857 | 24.561404 | 33.333333 | 33.928571 | 33.333333 | 26.315789 | 25 | 25 | 26.315789 | 26.315789 | 26.315789 | 26.785714 | 21.052632 | 19.298246 | 33.333333 | 24.561404 | 0 | 0 |
| NaN | UBASH3B-1/1 | 0 | 27.586207 | 18.965517 | 5.357143 | 27.586207 | 16.949153 | 18.965517 | 17.54386 | 17.54386 | 27.419355 | 24.561404 | 20 | 28.813559 | 20 | 30.645161 | 22.580645 | 28.571429 | 28.571429 | 21.818182 | 5.172414 | 4.83871 | 28.571429 | 28.571429 | 28.571429 | 28.571429 | 28.571429 | 28.571429 | 21.052632 | 18.333333 | 20.689655 | 21.052632 | 26.666667 | 5.172414 | 18.181818 | 17.741935 | 24.193548 | 31.578947 | 20.338983 | 27.419355 | 25.423729 | 27.118644 | 27.586207 | 24.561404 | 31.034483 | 31.578947 | 31.034483 | 19.354839 | 18.644068 | 22.580645 | 27.419355 | 16.071429 | 8.064516 | 25.806452 | 25.806452 | 27.272727 | 3.225806 | 27.118644 | 22.580645 | 20.689655 | 25.806452 | 30.357143 | 29.310345 | 19.354839 | 17.241379 | 24.561404 | 25.806452 | 20.689655 | 39.285714 | 27.868852 | 27.419355 | 19.354839 | 19.672131 | 20.689655 | 27.586207 | 39.285714 | 24.561404 | 31.578947 | 28.571429 | 27.868852 | 22.413793 | 17.857143 | 17.857143 | 17.741935 | 18.965517 | 18.644068 | 19.642857 | 8.064516 | 21.311475 | 27.868852 | 29.032258 | 1.612903 | 1.612903 |
| NaN | VAV1-1/2 | 0 | 25.862069 | 18.965517 | 21.428571 | 25.862069 | 3.389831 | 18.965517 | 3.508772 | 3.508772 | 24.193548 | 19.298246 | 26.666667 | 3.389831 | 21.666667 | 1.538462 | 1.538462 | 21.428571 | 21.428571 | 29.090909 | 25.862069 | 23.076923 | 21.428571 | 21.428571 | 21.428571 | 21.428571 | 21.428571 | 21.428571 | 35.087719 | 30 | 3.448276 | 28.070175 | 20 | 25.862069 | 3.636364 | 3.076923 | 26.5625 | 3.508772 | 3.389831 | 3.076923 | 32.20339 | 1.694915 | 1.724138 | 19.298246 | 25.862069 | 26.315789 | 25.862069 | 1.612903 | 20.338983 | 3.076923 | 3.076923 | 1.785714 | 26.153846 | 16.129032 | 15.873016 | 30.909091 | 9.375 | 1.694915 | 1.538462 | 34.482759 | 1.538462 | 3.571429 | 3.448276 | 25.806452 | 1.724138 | 19.298246 | 1.538462 | 3.448276 | 33.928571 | 24.590164 | 3.125 | 4.761905 | 4.918033 | 1.724138 | 25.862069 | 1.785714 | 19.298246 | 21.052632 | 21.428571 | 19.672131 | 1.724138 | 1.785714 | 1.785714 | 1.612903 | 1.724138 | 1.694915 | 19.642857 | 21.538462 | 6.557377 | 19.672131 | 23.076923 | 1.538462 | 1.538462 |
| NaN | VAV1-2/2 | 0 | 33.333333 | 26.315789 | 42.857143 | 33.333333 | 33.333333 | 26.315789 | 33.333333 | 33.333333 | 33.333333 | 43.859649 | 35.087719 | 31.578947 | 28.070175 | 21.052632 | 38.596491 | 32.142857 | 32.142857 | 36.363636 | 29.824561 | 29.824561 | 32.142857 | 32.142857 | 32.142857 | 32.142857 | 32.142857 | 32.142857 | 36.842105 | 43.859649 | 36.842105 | 35.087719 | 24.561404 | 29.824561 | 41.818182 | 1.754386 | 38.596491 | 38.596491 | 35.087719 | 45.614035 | 38.596491 | 47.368421 | 47.368421 | 43.859649 | 36.842105 | 36.842105 | 36.842105 | 33.333333 | 26.315789 | 24.561404 | 35.087719 | 25 | 33.333333 | 28.070175 | 28.070175 | 40 | 29.824561 | 38.596491 | 1.754386 | 36.842105 | 26.315789 | 32.142857 | 31.578947 | 35.087719 | 24.561404 | 43.859649 | 3.508772 | 33.333333 | 37.5 | 33.333333 | 45.614035 | 36.842105 | 36.842105 | 36.842105 | 33.333333 | 39.285714 | 43.859649 | 33.333333 | 33.928571 | 33.333333 | 26.315789 | 25 | 25 | 26.315789 | 26.315789 | 26.315789 | 26.785714 | 33.333333 | 43.859649 | 31.578947 | 36.842105 | 36.842105 | 36.842105 |
| NaN | VAV3-1/2 | 0 | 22.413793 | 1.724138 | 3.571429 | 22.413793 | 1.694915 | 1.724138 | 1.754386 | 1.754386 | 24.193548 | 5.263158 | 3.333333 | 1.694915 | 1.666667 | 1.538462 | 1.538462 | 17.857143 | 17.857143 | 3.636364 | 13.793103 | 3.076923 | 17.857143 | 17.857143 | 17.857143 | 17.857143 | 17.857143 | 17.857143 | 8.77193 | 30 | 5.172414 | 3.508772 | 6.666667 | 13.793103 | 5.454545 | 4.615385 | 1.5625 | 1.754386 | 3.389831 | 1.538462 | 1.694915 | 1.694915 | 1.724138 | 5.263158 | 0 | 1.754386 | 0 | 1.612903 | 5.084746 | 1.538462 | 1.538462 | 1.785714 | 1.538462 | 20.967742 | 25.396825 | 3.636364 | 3.125 | 1.694915 | 3.076923 | 8.62069 | 20 | 8.928571 | 1.724138 | 3.225806 | 3.448276 | 5.263158 | 1.538462 | 1.724138 | 1.785714 | 21.311475 | 1.5625 | 4.761905 | 6.557377 | 6.896552 | 22.413793 | 7.142857 | 5.263158 | 17.54386 | 17.857143 | 16.393443 | 1.724138 | 1.785714 | 1.785714 | 1.612903 | 1.724138 | 1.694915 | 1.785714 | 1.538462 | 1.639344 | 16.393443 | 1.538462 | 1.538462 | 1.538462 |
| NaN | YES1-1/1 | 0 | 75.862069 | 34.482759 | 30.357143 | 75.862069 | 37.931034 | 34.482759 | 38.596491 | 38.596491 | 77.586207 | 31.578947 | 36.206897 | 29.310345 | 31.034483 | 17.241379 | 34.482759 | 76.785714 | 76.785714 | 38.181818 | 25.862069 | 25.862069 | 76.785714 | 76.785714 | 76.785714 | 76.785714 | 76.785714 | 76.785714 | 33.333333 | 27.586207 | 31.034483 | 36.842105 | 50 | 25.862069 | 32.727273 | 22.413793 | 31.034483 | 28.070175 | 36.206897 | 32.758621 | 31.034483 | 36.206897 | 36.206897 | 31.578947 | 22.413793 | 22.807018 | 22.413793 | 31.034483 | 36.206897 | 29.310345 | 25.862069 | 33.928571 | 27.586207 | 60.344828 | 60.344828 | 32.727273 | 29.310345 | 31.034483 | 27.586207 | 32.758621 | 37.931034 | 28.571429 | 27.586207 | 36.206897 | 32.758621 | 31.578947 | 27.586207 | 31.034483 | 26.785714 | 77.586207 | 31.034483 | 27.586207 | 27.586207 | 27.586207 | 75.862069 | 26.785714 | 31.578947 | 77.192982 | 78.571429 | 77.586207 | 34.482759 | 33.928571 | 33.928571 | 34.482759 | 34.482759 | 34.482759 | 35.714286 | 27.586207 | 24.137931 | 75.862069 | 22.413793 | 29.310345 | 29.310345 |