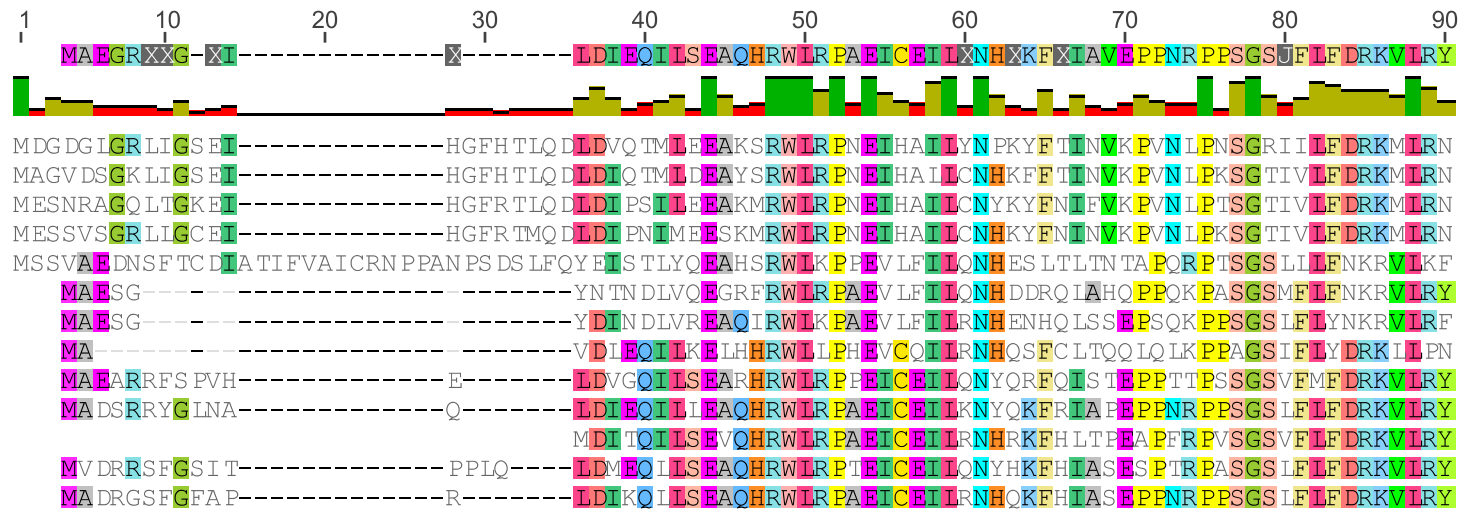


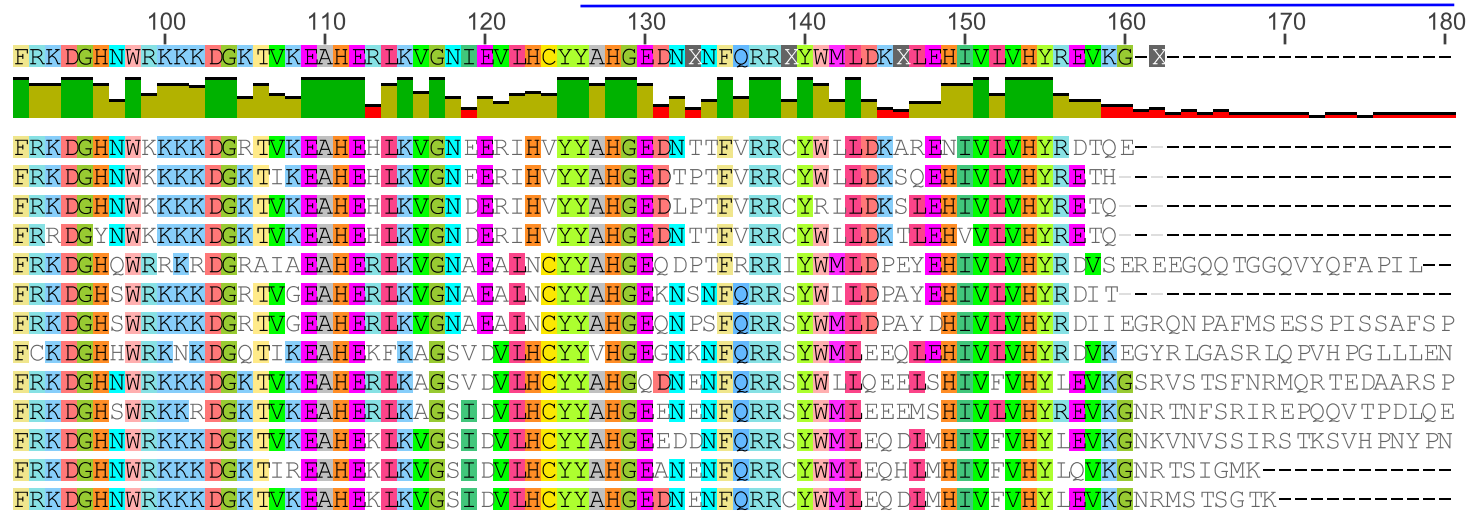
Consensus Identity

1. AtSR3
2. AtSR6
3. SISR3
4. SISR3L
5. AtSR5
6. SISR2
7. SISR2L
8. SISR4
9. AtSR1
10. SISR1
11. SISR1L
12. AtSR2
13. AtSR4



Consensus Identity

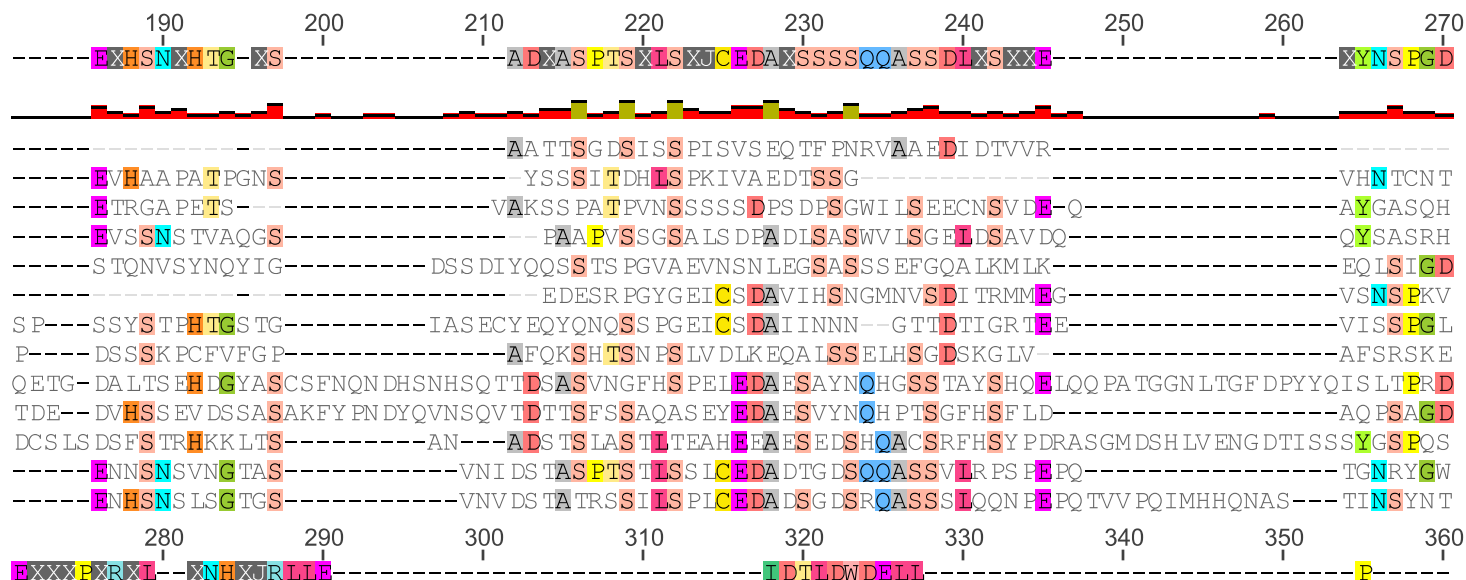
1. AtSR3
2. AtSR6
3. SISR3
4. SISR3L
5. AtSR5
6. SISR2
7. SISR2L
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9. AtSR1
10. SISR1
11. SISR1L
12. AtSR2
13. AtSR4



DNA-binding Domain

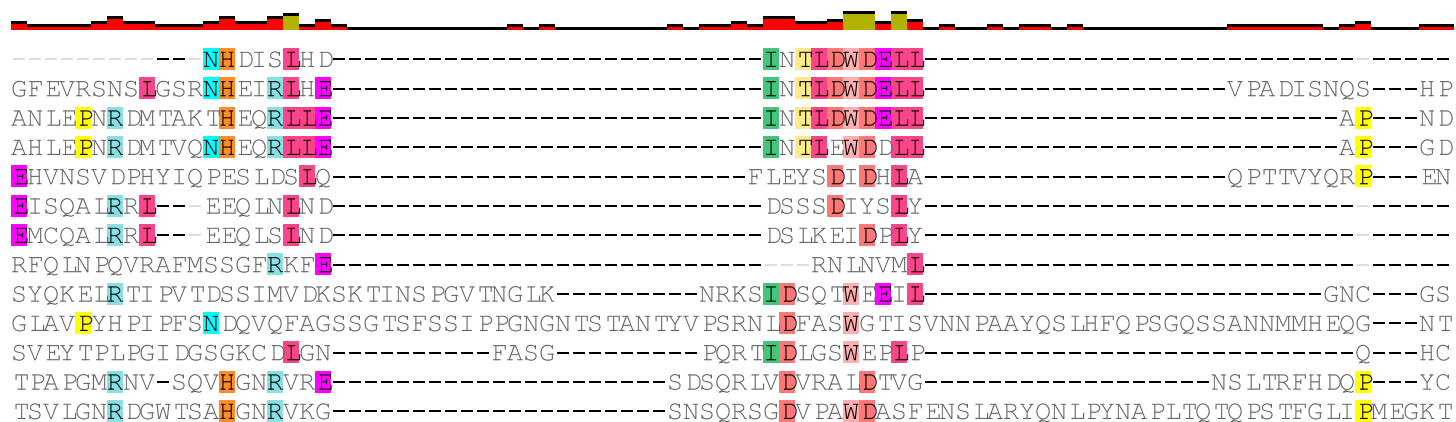
Consensus
Identity

1. AtSR3
2. AtSR6
3. SISR3
4. SISR3L
5. AtSR5
6. SISR2
7. SISR2L
8. SISR4
9. AtSR1
10. SISR1
11. SISR1L
12. AtSR2
13. AtSR4



Consensus
Identity

1. AtSR3
2. AtSR6
3. SISR3
4. SISR3L
5. AtSR5
6. SISR2
7. SISR2L
8. SISR4
9. AtSR1
10. SISR1
11. SISR1L
12. AtSR2
13. AtSR4



Consensus
Identity

1. AtSR3
2. AtSR6
3. SISR3
4. SISR3L
5. AtSR5
6. SISR2
7. SISR2L
8. SISR4
9. AtSR1
10. SISR1
11. SISR1L
12. AtSR2
13. AtSR4

370 380 390 400 410 420 430 440 450
 -XGEMXXOXXXGNA-----X-GNXOXSEFXGXIXGGXSSSNXNSXILTXDXXVXGXXG-----X-X-----XSP

-----VPTDINNQSAPTVNLSYFTE-----P
 TEEDMLYFTEQLQT-----A PRGSVKQGNHLAGYNGSVDI PSF PGLEDVYQNN-----NSCG-----AGE
 PNKI MATQEVGGR-----SVGQQSQCFVNGYSLINDGSSS MARA PIAS LESEVGQVA--GS DAVN-----FNP
 PNKMVA TQAVGK TAYVQHTSYEQRNLCFLNGYSFDCGVSSSLERIST-----FNN
 NKIERCYGGNFCAQ--YSAKNDSNKLERCYGYVGGAEYHSSNIMLVKNGSGPSGGTG--GSGDQG-----SES
 --SEI ENSNDAENVVHDKSSLVQIQDNSN NFLFLPHSGESS ES RDQILNIDNSMWKEM-----LDHCR-----SSP
 -----GDAINDSSLIQMQGNSSNRLLIQHHSGESESHHRDITQDAHVKWDM-----LDHYG-----VSA
 --QRKFYSGHYNIA-----DIRSSKLTYAKLYAGKAVANNRSLAITSGKVFEE-----I-----
 GVEALPIQPNSEHEVLQDI LESSEFMQDFAS LQESMVKSQNGEINSGILTSDRVWFQ--Q-----
 TMGQICSNDFTRQEHENHIDGIGNWQTSFVDS SFISKWSMDQKINPDILTSGQTTGSSGVYGV EHHNS LEASQ L LPAQQ DKHPIQNEIQSQ
 INGEMVQCDDFKNN-----LSVHGNWQYS-FGQSPLQFHGQNVNQDLIADSSYDIGLPS--DLLTVRGPSYLYSNEKEEQIAQLN IQFLKS
 NNLLTQMCPSN TDS-----MLVEENS EKGGRLKA EHIRNPLQ TQFNWQDDTDLA LFEQS--AQDNFE-----TFSS
 EKGS LLTS EHLRN P-----LQSQVNWQTPVQESVPLQKW PMDSHSGMTDA TDLA LFGQG--AHENFG-----TFSS LLGSQDQSSSFQAP

Consensus
Identity

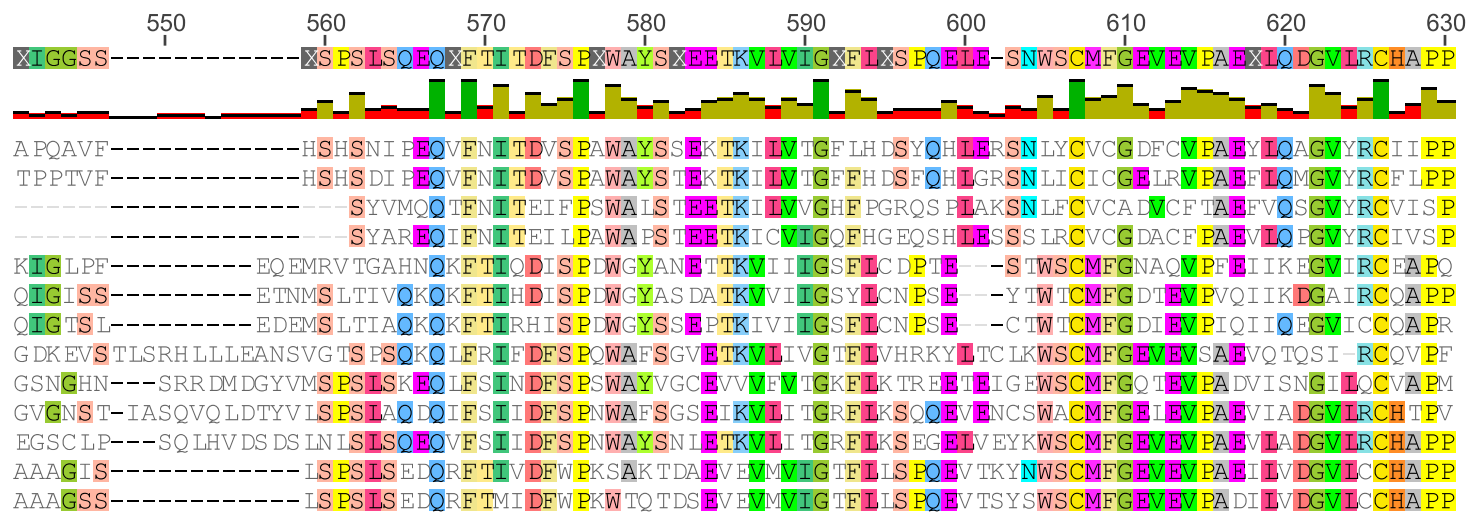
1. AtSR3
2. AtSR6
3. SISR3
4. SISR3L
5. AtSR5
6. SISR2
7. SISR2L
8. SISR4
9. AtSR1
10. SISR1
11. SISR1L
12. AtSR2
13. AtSR4

460 470 480 490 500 510 520 530 540
 LSDV---QFXCTXXLDPNXXKTXSA TMKXXLLDSLINX---GLKKVDSFGRWVXNKELGDS---XESXMQSSSXX-YWTTXEDED

LQNA-----ANGTAEHGNAITVADGSLDALIND---GPQSRESFGRWVNSFISES-----NGSLEDPSFEP-MVMPRQDPL
 FSSQ---HSHC--GVDPNLQRRDFSATVTDQPGDALINN---GYGSQDSFGRWVNNFISDS-----PGSVDDPSLEA-VYTPGQDSS
 LNDM---SFRSGDQM TSNFQKKESGVM TVGAGDSFDS LNKD-GILQTD DSFGRWINYFISDS-----SGSADEIMTPE-SSVTI DQ--
 SNEI---TFQTVDGQMTSFEKNESGVM TVSGDSLDS LNQD-RILQTD DSFGRWVNYLIKDS-----PESIDDP-TPE-SSVSTGQ--
 WKDV---LEACEASI PIN--SEGSTPSSAKGLIAGLQEDSNWSYSNQVDQS TFLLPQDLG SFQLPASYSALVAPENNGE-YCGMMEDGM
 ASQP---QAKCFEKLDENGMLQTS SGSEPIEAIKS DRWPII--GKLEALKCSVTNIKQVDDFKYIGC-AQINVFGSY PD-QC TTIFDQD
 AAES---QTKYLHKLDENAMLOTL SERRAI EAYESYKWRDF--SDKETQTA PVQAFKQLDFDKYPTYPPDI TTFGSNPD-EY TTIFDQD
 --HV---APPQIQNISSSQTVVTPDAAVK TSSLDGGLNS DEVGSLKKLDI LGKWMDFEFAGG-----NKSIMSSDSGN-YWNTLDTDN
 --DM---EINATSNLASNEKAPYIS-TMKQHLIHGALGFE---GLKKMDSFNRMWSKELGDVGVIADANESFTQSSSR-TYWEVEVESD
 LSDANIGGS LNA DL DHNLS LGVKT DYSAIKQPLLDGV LKRE---GLKKIDSEFDRWVSKELGDV---SESHMQSSSS-YW DNVGDED
 LVEV---QG DINQENSM DMLELGDYS TIKQPHLSSVKVEF---GLKKVDSFSRWVAKELFDV---FLHMQPSNQMSWNVIDTBE
 LLGS ENIQFGISYQAPPSNMDS EYMPVMKI-----LRRSE-D-SLKKVDSFSKWAIKELGEM-----EDLQMOSSRGDIATTVTECET
 FTNN---EAAYIPKLG PEDLIYEASANQ TLPILRKALLKKED-SLKKVDSFSRWVSKELGEM-----EDLQMOSSSGGIATVTSVEEN

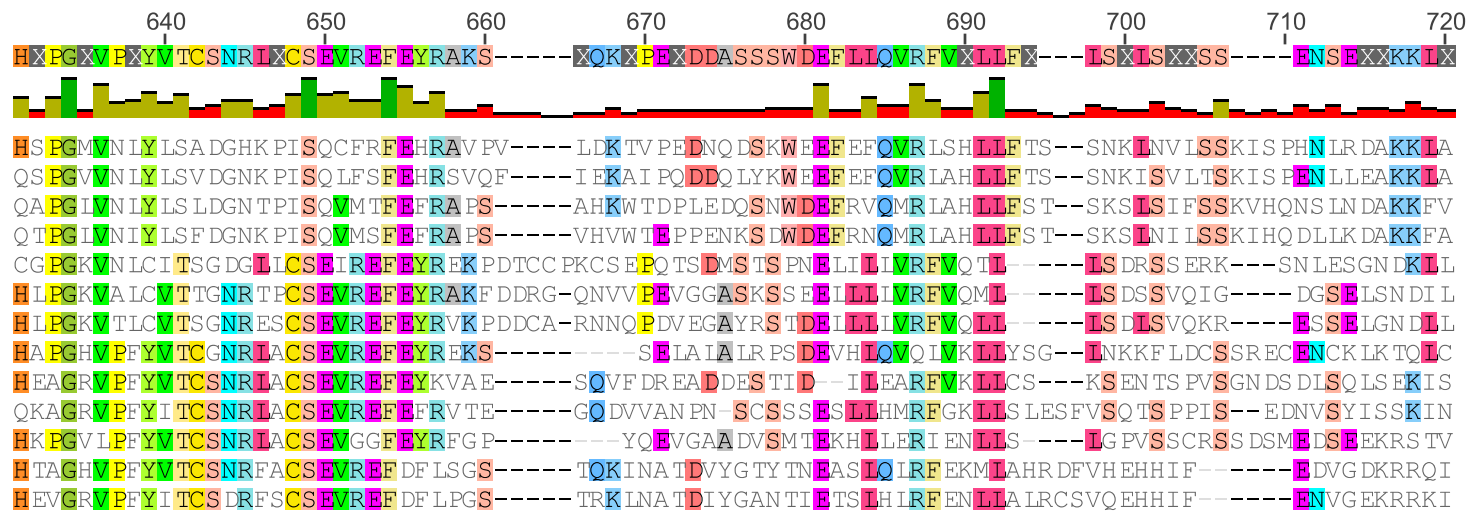
Consensus Identity

1. AtSR3
2. AtSR6
3. SISR3
4. SISR3L
5. AtSR5
6. SISR2
7. SISR2L
8. SISR4
9. AtSR1
10. SISR1
11. SISR1L
12. AtSR2
13. AtSR4



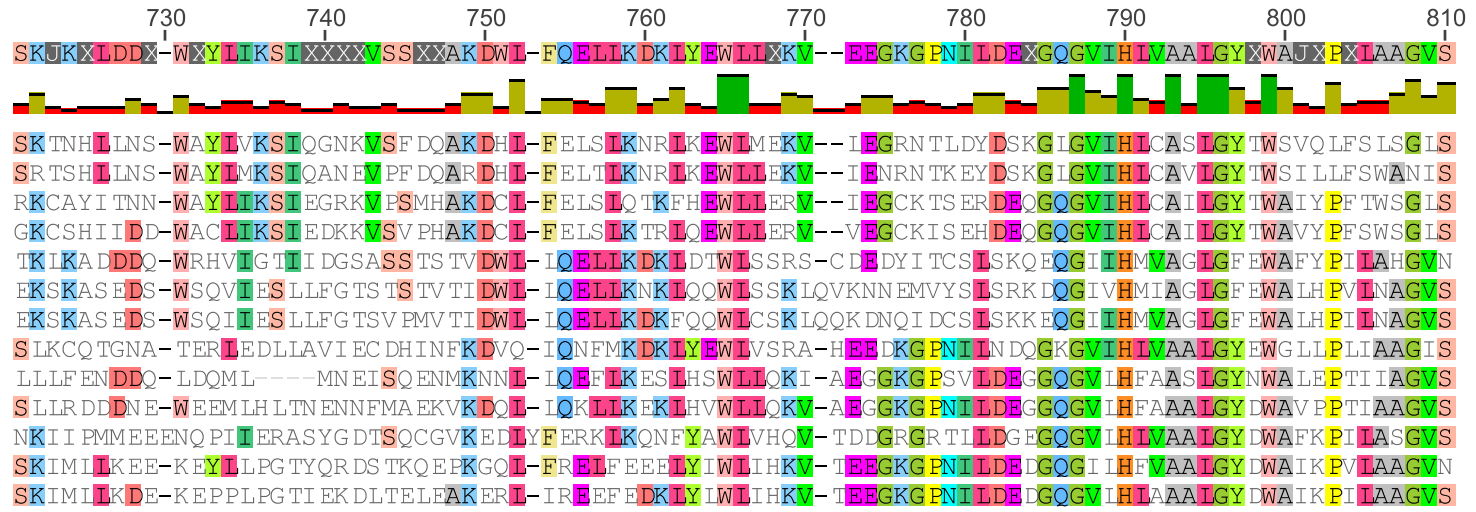
Consensus Identity

1. AtSR3
2. AtSR6
3. SISR3
4. SISR3L
5. AtSR5
6. SISR2
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8. SISR4
9. AtSR1
10. SISR1
11. SISR1L
12. AtSR2
13. AtSR4



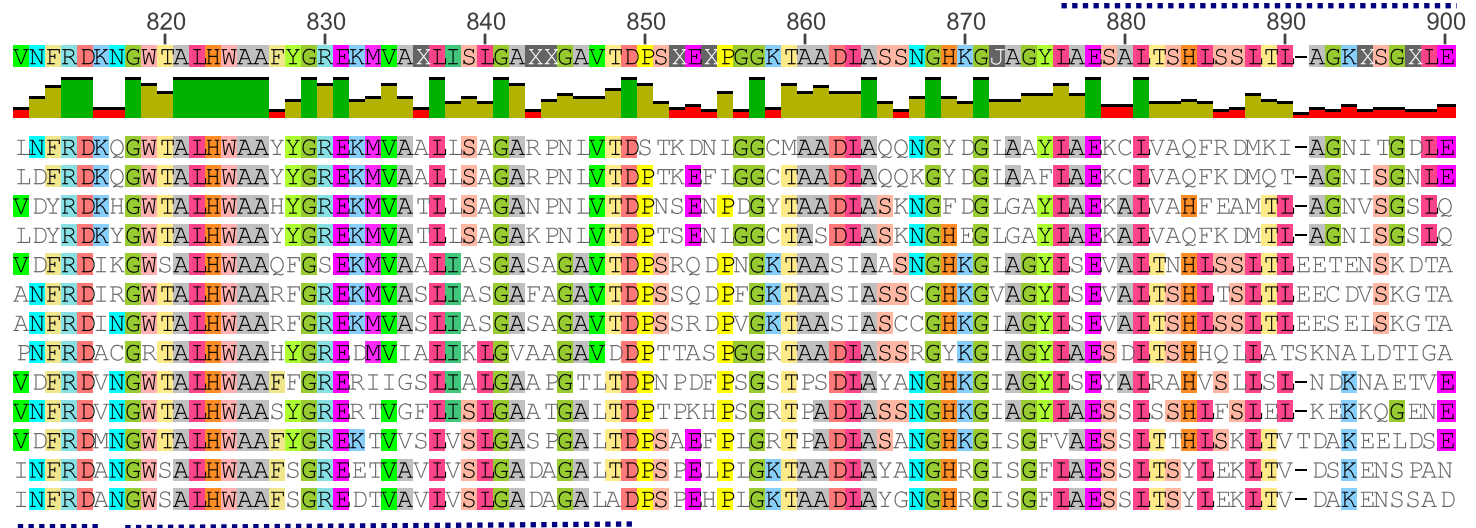
Consensus
Identity

1. AtSR3
2. AtSR6
3. SISR3
4. SISR3L
5. AtSR5
6. SISR2
7. SISR2L
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9. AtSR1
10. SISR1
11. SISR1L
12. AtSR2
13. AtSR4



Consensus
Identity

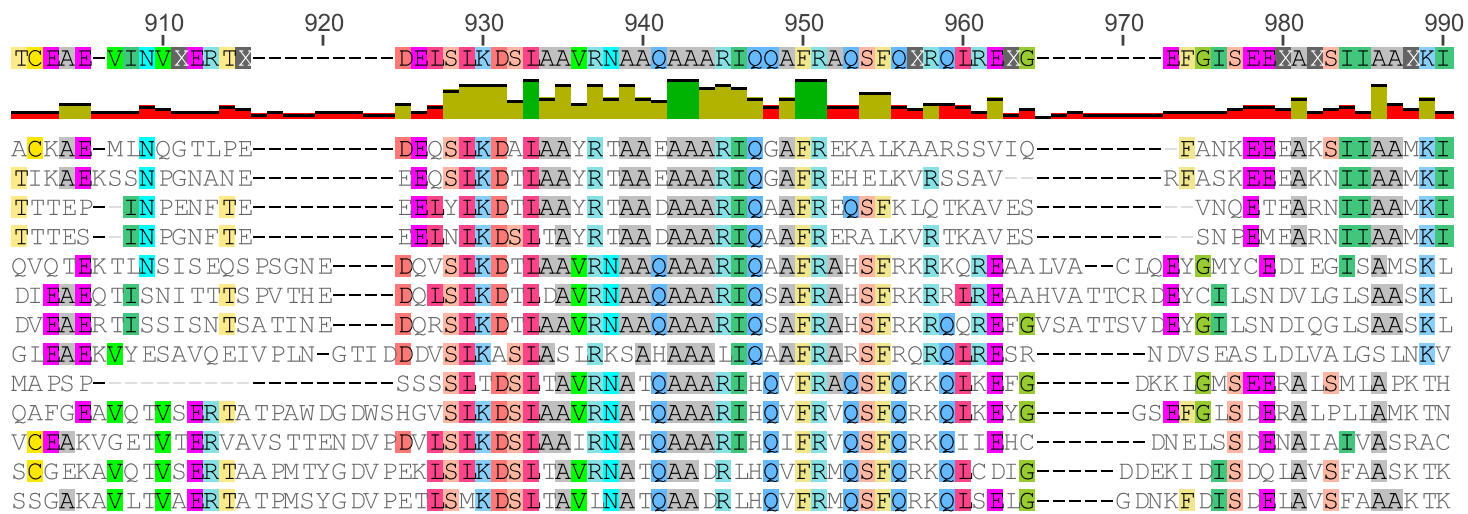
1. AtSR3
2. AtSR6
3. SISR3
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5. AtSR5
6. SISR2
7. SISR2L
8. SISR4
9. AtSR1
10. SISR1
11. SISR1L
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Ankyrin Repeats

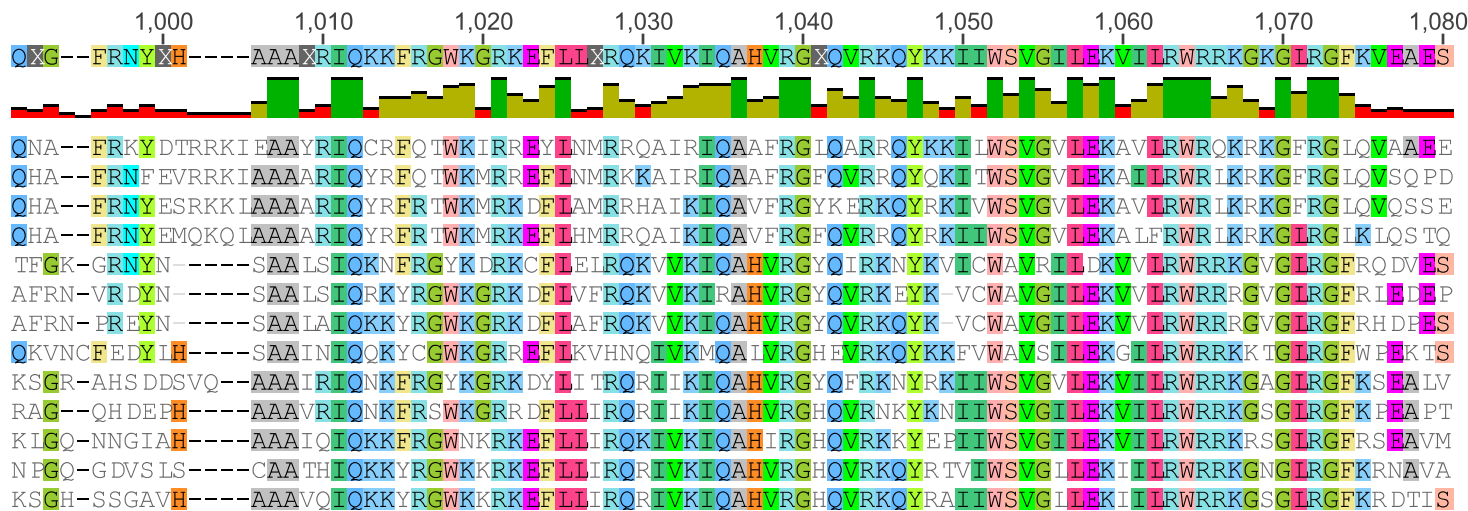
Consensus
Identity

1. AtSR3
2. AtSR6
3. SISR3
4. SISR3L
5. AtSR5
6. SISR2
7. SISR2L
8. SISR4
9. AtSR1
10. SISR1
11. SISR1L
12. AtSR2
13. AtSR4



Consensus
Identity

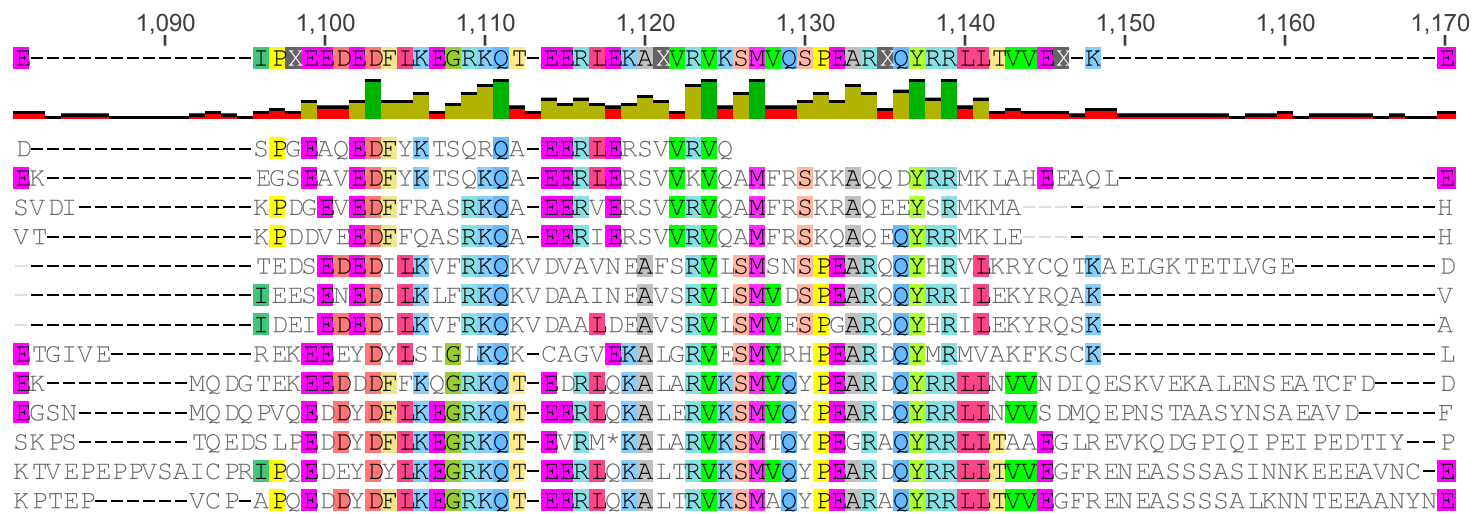
1. AtSR3
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3. SISR3
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5. AtSR5
6. SISR2
7. SISR2L
8. SISR4
9. AtSR1
10. SISR1
11. SISR1L
12. AtSR2
13. AtSR4



Calmodulin-binding Site

Consensus Identity

1. AtSR3
2. AtSR6
3. SISR3
4. SISR3L
5. AtSR5
6. SISR2
7. SISR2L
8. SISR4
9. AtSR1
10. SISR1
11. SISR1L
12. AtSR2
13. AtSR4



Consensus Identity

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2. AtSR6
3. SISR3
4. SISR3L
5. AtSR5
6. SISR2
7. SISR2L
8. SISR4
9. AtSR1
10. SISR1
11. SISR1L
12. AtSR2
13. AtSR4

