

Table S1. D. novemcinctus Env protein coding sequences genomic coordinates

Env coding gene	Coordinates
Env1-1(A)	Scaffold32544_302543_-_300786___REVERSE_SENSE_
Env1-2 (A)	Scaffold17879_53811_-_55391_
Env1-3 (A)	Scaffold25043_61535_-_63220_
Env1-4 (A)	Scaffold25561_1364243_-_1365925_
Env1-5 (A)	Scaffold43375_42564_-_40912___REVERSE_SENSE_
Env1-6 (A)	Scaffold23524_4979734_-_4978424___REVERSE_SENSE_
Env1-7 (B)	Scaffold16087_980632_-_978941___REVERSE_SENSE_
Env1-8 (B)	2 Scaffold25692_566144_-_567406_
Env2-1	Scaffold21203_490759_-_488996___REVERSE_SENSE_
Env2-2	Scaffold30563_2859315_-_2857555___REVERSE_SENSE_
Env2-3	Scaffold23585_312684_-_313994_
Env2-4	Scaffold40803_163648_-_165132_
Env2-5	Scaffold2929_366449_-_365076___REVERSE_SENSE_
Env3	Scaffold31169_533253_-_531301___REVERSE_SENSE_
Env4-1	Scaffold20048_7001716_-_7003749_
Env4-2	Scaffold24522_1306278_-_1308311_
Env4-3	Scaffold22404_293941_-_291908___REVERSE_SENSE_
Env4-4	Scaffold8917_19741_-_17708___REVERSE_SENSE_
Env4-5	Scaffold22309_139908_-_137875___REVERSE_SENSE_
Env4-6	Scaffold32119_195449_-_193725___REVERSE_SENSE_
Env4-7	Scaffold28974_106281_-_104248___REVERSE_SENSE_
Env4-8	Scaffold26794_35975_-_37576_
Env5-1	Scaffold23310_730384_-_731589_
Env5-2	Scaffold25508_11008_-_12273_
Env5-3	Scaffold24216_214138_-_215370_
Env6-1	Scaffold22842_4617887_-_4619752_
Env6-2	Scaffold25668_9322094_-_9323509_
Env6-3	Scaffold23777_11035_-_9815___REVERSE_SENSE_
Env6-4	Scaffold45527_1274_-_2854_
Env6-5	Scaffold19077_5823486_-_5825243_
Env6-6	Scaffold25639_7570_-_8835_
Env7-1	Scaffold33345_390535_-_388637___REVERSE_SENSE_
Env7-2	Scaffold44858_106781_-_108412_
Env7-3	Scaffold26099_8413767_-_8411647___REVERSE_SENSE_
Env7-4	Scaffold21652_6493112_-_6491754___REVERSE_SENSE_
Env7-5	Scaffold19077_5969547_-_5971133_
Env7-6	Scaffold25186_24506_-_22284___REVERSE_SENSE_
Env7-7	Scaffold25742_359418_-_357871___REVERSE_SENSE_
Env7-8	Scaffold11116_647127_-_649145_
Env7-9	Scaffold25668_179696_-_178305___REVERSE_SENSE_
Env7-10	Scaffold31910_2569972_-_2571411_
Env7-11	Scaffold42701_196368_-_194557___REVERSE_SENSE_
Env7-12	Scaffold24026_411692_-_410232___REVERSE_SENSE_
Env7-13	Scaffold11631_479537_-_477666___REVERSE_SENSE_
Env7-14	Scaffold24761_160514_-_161809_
Env7-15	Scaffold23416_15965_-_14613___REVERSE_SENSE_
Env7-16	Scaffold23769_48_-_1913_
Env7-17	Scaffold8125_3290603_-_3289266___REVERSE_SENSE_
Env7-18	Scaffold23013_1188732_-_1190447_

Env7-19 Scaffold29431_1719625_-1718321___REVERSE_SENSE_
Env8-1 Scaffold44067_981782_-983191_
 Env8-2 Scaffold507_969775_-971745_
 Env8-3 Scaffold31594_1217832_-1215808___REVERSE_SENSE_
 Env8-4 Scaffold25237_633081_-635051_
 Env8-5 Scaffold23243_1555885_-1557909_
 Env8-6 Scaffold32131_50149_-48077___REVERSE_SENSE_
 Env8-7 Scaffold24489_38328_-36775___REVERSE_SENSE_
 Env8-8 Scaffold26350_299547_-301523_
 Env8-9 Scaffold33970_94200_-96821_
 Env8-10 Scaffold19066_180332_-178827___REVERSE_SENSE_
 Env8-11 Scaffold24614_2464295_-2465647_
 Env8-12 Scaffold28080_1346991_-1348904_
 Env8-13 Scaffold25429_7204_-9276_
 Env8-14 Scaffold45030_91818_-90133___REVERSE_SENSE_
 Env8-15 Scaffold25056_50037_-48679___REVERSE_SENSE_
 Env8-16 Scaffold25552_352487_-353836_
 Env8-17 Scaffold37685_610552_-611988_
 Env8-18 Scaffold7450_1207255_-1204952___REVERSE_SENSE_
 Env8-19 Scaffold42989_85756_-87618_
 Env8-20 Scaffold37135_816521_-818365_
 Env8-21 Scaffold33599_970948_-969539___REVERSE_SENSE_
 Env8-22 Scaffold35708_2502939_-2504243_
 Env8-23 Scaffold18474_3131608_-3130346___REVERSE_SENSE_
 Env8-24 Scaffold45830_151537_-152850_
 Env8-25 Scaffold37922_69932_-68523___REVERSE_SENSE_
 Env8-26 Scaffold39750_26356_-27765_
 Env8-27 Scaffold22975_87220_-88626_
 Env8-28 Scaffold28399_6380_-5025___REVERSE_SENSE_
 Env8-29 Scaffold25075_64795_-66204_
 Env8-30 Scaffold43660_43777_-45186_
 Env8-31 Scaffold42911_582759_-580624___REVERSE_SENSE_
 Env8-32 Scaffold291_2096620_-2095373___REVERSE_SENSE_
 Env8-33 Scaffold24070_44215_-42812___REVERSE_SENSE_
 Env8-34 Scaffold23601_49715_-48309___REVERSE_SENSE_
 Env8-35 Scaffold31935_222480_-223889_
Env9-1 Scaffold13387_2177704_-2175824___REVERSE_SENSE_
 Env9-2 Scaffold21897_214101_-215573_
 Env9-3 Scaffold23423_11387_-9249___REVERSE_SENSE_
 Env9-4 Scaffold23952_1086_-3224_
 Env9-5 Scaffold27350_4413112_-4411757___REVERSE_SENSE_
 Env9-6 Scaffold20559_414138_-412783___REVERSE_SENSE_
 Env9-7 Scaffold8801_302908_-300770___REVERSE_SENSE_
 Env9-8 Scaffold24557_574049_-572370___REVERSE_SENSE_
 Env9-9 Scaffold30967_410769_-409414___REVERSE_SENSE_
 Env9-10 Scaffold10402_2240841_-2239345___REVERSE_SENSE_
 Env9-11 Scaffold24882_11282_-9885___REVERSE_SENSE_
 Env9-12 Scaffold24726_1488_-1___REVERSE_SENSE_
 Env9-13 Scaffold13771_503217_-501511___REVERSE_SENSE_
 Env9-14 Scaffold33380_2253413_-2255131_
 Env9-15 Scaffold24563_1580250_-1581596_
 Env9-16 Scaffold25129_3016352_-3018238_
 Env9-17 Scaffold23660_19_-1374_

Env9-18 Scaffold39957_1522451_-_1524448_
 Env9-19 Scaffold3606_3575162_-_3576676_
 Env9-20 Scaffold13639_121563_-_120217___REVERSE_SENSE_
 Env9-21 Scaffold32617_227503_-_229008_
 Env9-22 Scaffold15688_114531_-_112756___REVERSE_SENSE_
 Env9-23 Scaffold35827_466494_-_468626_
 Env9-24 Scaffold40067_660885_-_658753___REVERSE_SENSE_
 Env9-25 Scaffold870_34825_-_33320___REVERSE_SENSE_
 Env9-26 Scaffold33465_1143357_-_1145489_
 Env9-27 Scaffold27840_200369_-_198381___REVERSE_SENSE_
 Env9-28 Scaffold10019_111252_-_110029___REVERSE_SENSE_
 Env9-29 Scaffold12738_879136_-_880341_
 Env9-30 Scaffold20305_1841479_-_1842843_
Env10-1 Scaffold22674_623444_-_621531___REVERSE_SENSE_
 Env10-2 Scaffold31668_5286583_-_5288130_
 Env10-3 Scaffold38157_1008831_-_1006075___REVERSE_SENSE_
 Env10-4 Scaffold8602_232541_-_233890_
 Env10-5 Scaffold25203_1439094_-_1441571_
 Env10-6 Scaffold37138_174238_-_176361_
 Env10-7 Scaffold44903_434919_-_436973_
 Env10-8 Scaffold34273_5376163_-_5374073___REVERSE_SENSE_
 Env10-9 Scaffold24456_232242_-_234110_
 Env10-10 Scaffold27165_68203_-_70053_
 Env10-11 Scaffold19239_3891_-_5240_
 Env10-12 Scaffold37051_337853_-_336534___REVERSE_SENSE_
 Env10-13 Scaffold26789_1995394_-_1997286_
 Env10-14 Scaffold22542_1385404_-_1387308_
 Env10-15 Scaffold41987_14879_-_10512___REVERSE_SENSE_
 Env10-16 Scaffold33709_15542_-_17392_
 Env10-17 Scaffold12291_692162_-_690468___REVERSE_SENSE_
 Env10-18 Scaffold27649_452615_-_453838_
Env11-1 Scaffold24459_447683_-_445842___REVERSE_SENSE_
 Env11-2 Scaffold32111_528742_-_527534___REVERSE_SENSE_
 Env11-3 Scaffold24215_259358_-_260797_
 Env11-4 Scaffold44762_623899_-_625734_
 Env11-5 Scaffold27672_660609_-_659389___REVERSE_SENSE_
 Env11-6 Scaffold22703_141176_-_143011_
 Env11-7 Scaffold24459_447683_-_445842___REVERSE_SENSE_
 Env11-8 Scaffold32111_528742_-_527534___REVERSE_SENSE_
 Env11-9 Scaffold28459_39603_-_41042_
 Env11-10 Scaffold22703_141176_-_143011_
 Env11-11 Scaffold42408_2113527_-_2112088___REVERSE_SENSE_
 Env11-12 Scaffold3701_23381_-_24817_
 Env11-13 Scaffold13872_1810073_-_1811695_
 Env11-14 Scaffold900_223333_-_221984___REVERSE_SENSE_
Env12-1 Scaffold25626_838687_-_837236___REVERSE_SENSE_
 Env12-2 Scaffold25314_3805824_-_3804385___REVERSE_SENSE_
 Env12-3 Scaffold23455_366787_-_365480___REVERSE_SENSE_
 Env12-4 Scaffold42257_175299_-_176717_
 Env12-5 Scaffold4265_2067282_-_2066023___REVERSE_SENSE_
 Env12-6 Scaffold25220_345082_-_346344_
Env13-1 Scaffold38741_38875_-_40635_
 Env13-2 Scaffold31390_506274_-_504994___REVERSE_SENSE_

Env13-3	Scaffold24392_849410_-_850939_
Env14-1	Scaffold37559_475553_-_473565____REVERSE_SENSE_
Env14-2	Scaffold34310_4803_-_6785_
Env14-3	Scaffold25329_34757_-_36481_
Env14-4	Scaffold24860_85000_-_83657____REVERSE_SENSE_
Env14-5	Scaffold31354_18584_-_20077_
Env14-6	Scaffold25668_7010694_-_7012325_

Scaffold number, coordinates and strand orientation are given according to the reference armadillo genome (DasNov3.0) from the Baylor College of Medicine genome database (<http://www.ncbi.nlm.nih.gov/genome/235>). Sequences in bold are representative Env candidates whose hydrophobicity plot is shown in Figure 1C. Env1 sequences targeted with primer pairs Dasy-env1A or -1B (see Fig. 2) are indicated with (A) or (B) respectively.