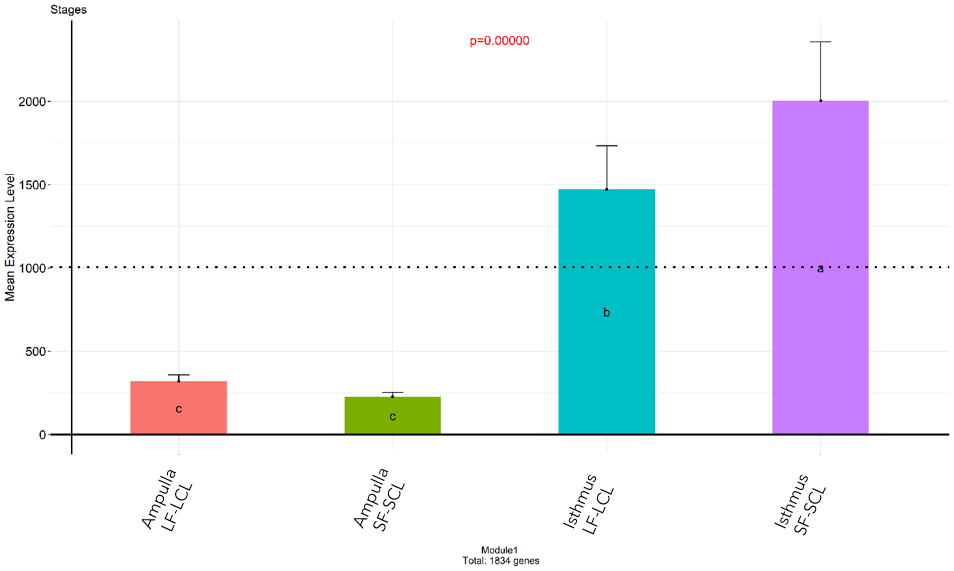
**Supplementary Material 2. Clusters of genes that presented a specific expression pattern in each region (ampulla or isthmus) and group (LF-LCL or SF-SCL).** CEMITOOL package was used to identify cluster of genes with similar expression. Twelve clusters were identified and the representative figure, as well as gene IDs are presented next.Note that the scale of the Y-axis varies according to cluster.

1. **Cluster 1: 1834 genes.**



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ENSBTAG00000004094\_SPARCL1

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ENSBTAG00000015988\_MYH11

ENSBTAG00000011424\_TPM2

ENSBTAG00000007196\_TAGLN

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ENSBTAG00000012409\_POSTN

ENSBTAG00000005353\_DES

ENSBTAG00000013472\_COL1A2

ENSBTAG00000013103\_COL1A1

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ENSBTAG00000000575\_TNC

ENSBTAG00000014567\_MYLK

ENSBTAG00000011207\_CNN1

ENSBTAG00000011802\_COL6A1

ENSBTAG00000017869\_CAV1

ENSBTAG00000016057\_CSRP1

ENSBTAG00000015434\_DSTN

ENSBTAG00000030190\_COL6A3

ENSBTAG00000020056\_COL12A1

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ENSBTAG00000035998\_CKB

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ENSBTAG00000013461\_RPL24

ENSBTAG00000011412\_LAMB1

ENSBTAG00000005077\_CXCL12

ENSBTAG00000003100\_SMTN

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ENSBTAG00000005146

ENSBTAG00000035959

ENSBTAG00000010793\_CCDC80

ENSBTAG00000007129\_MRVI1

ENSBTAG00000007343\_PDLIM7

ENSBTAG00000019839\_LTBP1

ENSBTAG00000019267\_MMP2

ENSBTAG00000021576\_LMOD1

ENSBTAG00000019517\_ELN

ENSBTAG00000038495\_DCLK1

ENSBTAG00000014324\_ANTXR2

ENSBTAG00000003894\_NDRG4

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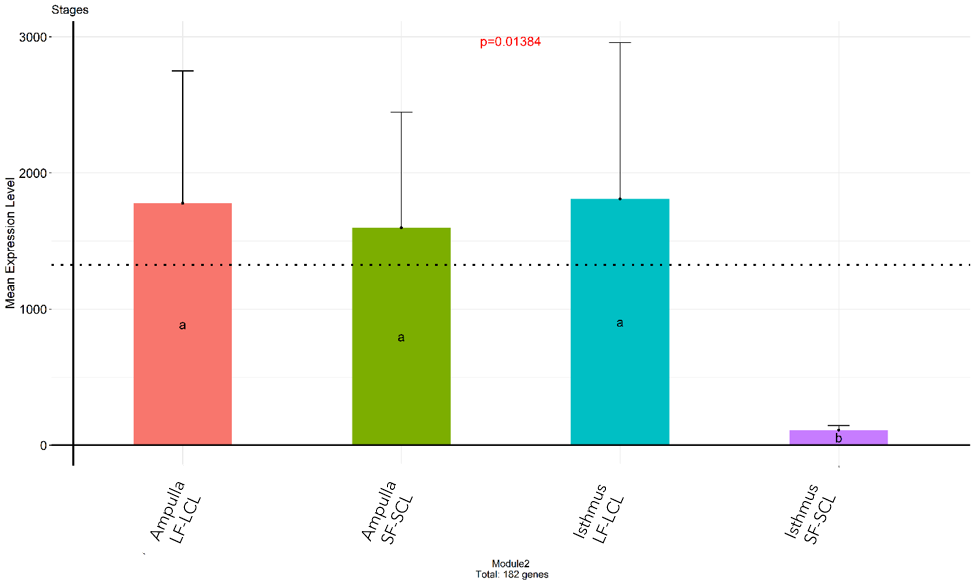
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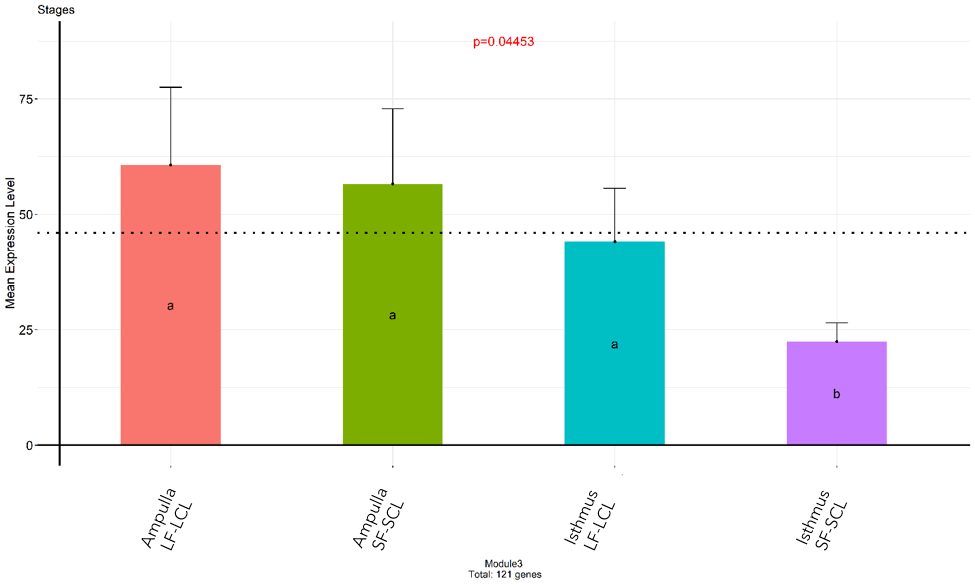
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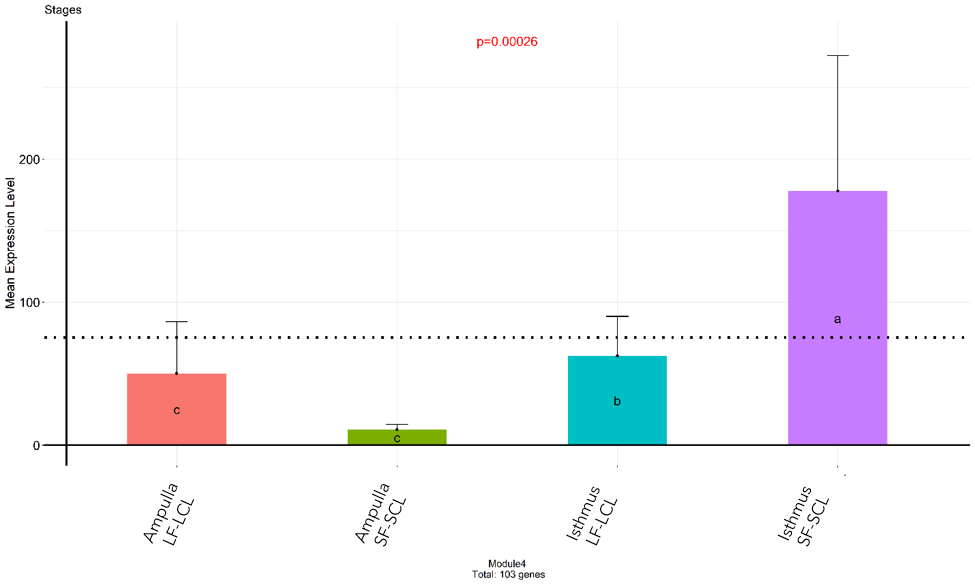
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1. **Cluster 4: 103 genes.**



ENSBTAG00000001292\_LTF

ENSBTAG00000021381\_DAAM2

ENSBTAG00000022150\_MXRA5

ENSBTAG00000004081\_FAT3

ENSBTAG00000047648\_SYT2

ENSBTAG00000011680\_PAPLN

ENSBTAG00000000720\_CTSL1

ENSBTAG00000006535\_IRS4

ENSBTAG00000007417\_GDF11

ENSBTAG00000030920

ENSBTAG00000002023\_NOS1

ENSBTAG00000010464\_MN1

ENSBTAG00000039789

ENSBTAG00000009862\_C14orf105

ENSBTAG00000006811\_EPHA3

ENSBTAG00000033529\_SCN2B

ENSBTAG00000002915\_GPR63

ENSBTAG00000012953\_ASTN1

ENSBTAG00000024526

ENSBTAG00000019440\_PROZ

ENSBTAG00000005219

ENSBTAG00000033445

ENSBTAG00000006156\_BST1

ENSBTAG00000010822\_PLCXD3

ENSBTAG00000009269\_GRIK3

ENSBTAG00000001880\_VGLL1

ENSBTAG00000019031

ENSBTAG00000018069\_TNFSF15

ENSBTAG00000047459

ENSBTAG00000014488\_CDH7

ENSBTAG00000012311\_CACNG5

ENSBTAG00000047164

ENSBTAG00000026381\_TMEM114

ENSBTAG00000015800

ENSBTAG00000030246\_ENTPD8

ENSBTAG00000009911\_HDC

ENSBTAG00000019132\_DMP1

ENSBTAG00000012668

ENSBTAG00000018019\_BCL11B

ENSBTAG00000030286\_GABRA1

ENSBTAG00000004557\_DHRS9

ENSBTAG00000016633\_NPY2R

ENSBTAG00000022986\_FAM19A5

ENSBTAG00000015128\_KLK8

ENSBTAG00000014848\_NR0B2

ENSBTAG00000005797\_AGXT

ENSBTAG00000038171\_CFHR5

ENSBTAG00000033128\_CRH

ENSBTAG00000007411\_F7

ENSBTAG00000046511\_LYZ1

ENSBTAG00000008910\_SSTR3

ENSBTAG00000000082\_KCNJ14

ENSBTAG00000043911

ENSBTAG00000047191\_KCNA6

ENSBTAG00000047118

ENSBTAG00000042882\_SNORD113

ENSBTAG00000009349\_MMEL1

ENSBTAG00000026032\_ZYG11A

ENSBTAG00000003184\_GATA1

ENSBTAG00000009192\_SKINT1

ENSBTAG00000047155\_C10orf71

ENSBTAG00000005259\_UCP3

ENSBTAG00000011530\_CDH15

ENSBTAG00000039186\_MGC151949

ENSBTAG00000047183

ENSBTAG00000042690\_SNORD113

ENSBTAG00000029844\_bta-mir-125a

ENSBTAG00000014533\_KEL

ENSBTAG00000036215

ENSBTAG00000039643

ENSBTAG00000047885\_ACTL10

ENSBTAG00000020201\_S100Z

ENSBTAG00000020096\_MS4A2

ENSBTAG00000045871

ENSBTAG00000013511\_VWA5B1

ENSBTAG00000029846\_bta-mir-27b

ENSBTAG00000002407\_TDRD5

ENSBTAG00000046341

ENSBTAG00000044191\_ABCC12

ENSBTAG00000046604\_GREM1

ENSBTAG00000043983\_LRRC19

ENSBTAG00000013203\_GP5

ENSBTAG00000045094\_bta-mir-2323

ENSBTAG00000038548\_SLC47A2

ENSBTAG00000043541\_SNORA5

ENSBTAG00000007517\_CHRNB2

ENSBTAG00000046050\_SNORA73

ENSBTAG00000018955

ENSBTAG00000011120\_GBX1

ENSBTAG00000037537

ENSBTAG00000029931\_bta-mir-199a-1

ENSBTAG00000045209\_SCARNA15

ENSBTAG00000001621\_EFCAB13

ENSBTAG00000040567\_MMP27

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ENSBTAG00000042378\_SNORA70

ENSBTAG00000021693\_RPP25

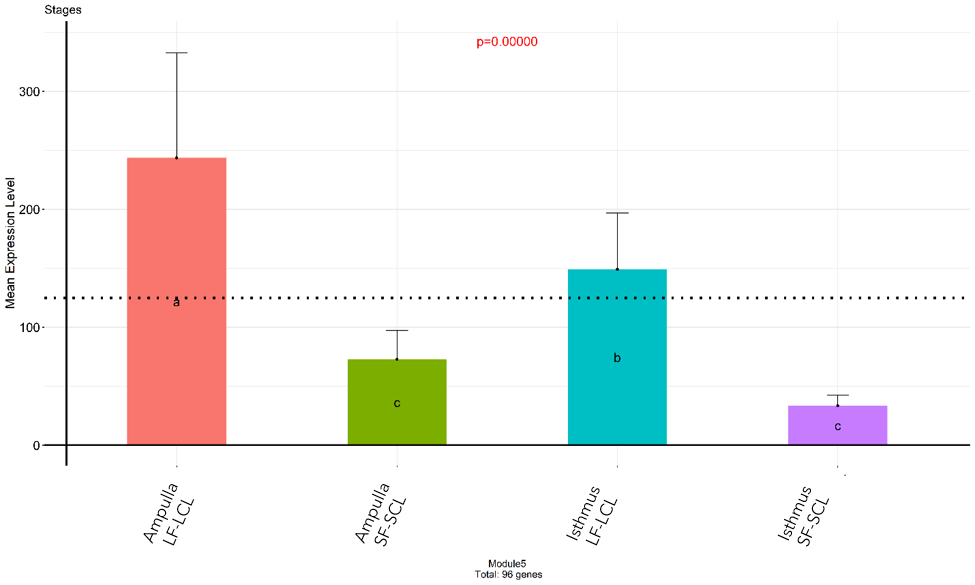
ENSBTAG00000030208\_FAM132B

ENSBTAG00000000008\_KCNJ1

ENSBTAG00000043157\_Telomerase-vert

ENSBTAG00000004886\_ZAR1

1. **Cluster 5: 96 genes.**



ENSBTAG00000008471\_MX2

ENSBTAG00000014707\_ISG15

ENSBTAG00000037527\_OAS1Z

ENSBTAG00000007881\_IFIT1

ENSBTAG00000004221\_ESM1

ENSBTAG00000019790\_MSH5

ENSBTAG00000014628\_OAS2

ENSBTAG00000012406\_ZBP1

ENSBTAG00000019437

ENSBTAG00000037949\_GSTA5

ENSBTAG00000018235\_SLC45A2

ENSBTAG00000032642

ENSBTAG00000037991

ENSBTAG00000015712\_POU3F4

ENSBTAG00000002065\_TFAP2C

ENSBTAG00000005091\_DGKG

ENSBTAG00000019946\_USP44

ENSBTAG00000013047\_GRM7

ENSBTAG00000023970

ENSBTAG00000000987\_OTOG

ENSBTAG00000005305\_NTS

ENSBTAG00000011298\_EYA1

ENSBTAG00000013569\_CD38

ENSBTAG00000025812

ENSBTAG00000033759

ENSBTAG00000007650\_SLC38A11

ENSBTAG00000005704\_IL1RL2

ENSBTAG00000015340\_ANGPTL7

ENSBTAG00000009219\_CADM2

ENSBTAG00000037773\_SERPINB7

ENSBTAG00000014760\_FOXE1

ENSBTAG00000001975\_DRP2

ENSBTAG00000005324

ENSBTAG00000014046\_BPI

ENSBTAG00000004560\_CLEC4F

ENSBTAG00000003684\_LRFN5

ENSBTAG00000015210\_LOXHD1

ENSBTAG00000010782\_KIAA1210

ENSBTAG00000013422\_GABRB3

ENSBTAG00000002252\_CHRNA2

ENSBTAG00000010448\_CPNE4

ENSBTAG00000017971\_LRFN2

ENSBTAG00000010414\_DMRTA2

ENSBTAG00000002123\_MYO3A

ENSBTAG00000020769\_OPCML

ENSBTAG00000020555\_DEFB123

ENSBTAG00000000597\_TMPRSS15

ENSBTAG00000014497\_GPR31

ENSBTAG00000038891

ENSBTAG00000045854

ENSBTAG00000006293\_PLAC1

ENSBTAG00000038215\_CLCA2

ENSBTAG00000045795\_KIR2DS1

ENSBTAG00000044107\_FAM159A

ENSBTAG00000012079\_MYLK4

ENSBTAG00000000161\_TMEM40

ENSBTAG00000044830\_bta-mir-339a

ENSBTAG00000002576\_GLDN

ENSBTAG00000035915

ENSBTAG00000017916

ENSBTAG00000009217\_WNT10A

ENSBTAG00000013766\_IRGC

ENSBTAG00000021626\_MLC1

ENSBTAG00000043512\_SNORA68

ENSBTAG00000031612\_SPINK8

ENSBTAG00000015810\_PLET1

ENSBTAG00000046733

ENSBTAG00000002518\_NKX6-1

ENSBTAG00000046738

ENSBTAG00000047600\_ROS1

ENSBTAG00000017348\_FGF5

ENSBTAG00000046815

ENSBTAG00000031309\_RAG2

ENSBTAG00000042744\_SNORA71

ENSBTAG00000004569\_GLIPR1L1

ENSBTAG00000008026\_OXT

ENSBTAG00000047411

ENSBTAG00000038680

ENSBTAG00000006943\_EFCAB3

ENSBTAG00000011616\_MPO

ENSBTAG00000005895

ENSBTAG00000001075\_CALB2

ENSBTAG00000042559\_SNORA42

ENSBTAG00000008922\_APOL6

ENSBTAG00000013906

ENSBTAG00000008463\_SLC22A14

ENSBTAG00000039674

ENSBTAG00000006648

ENSBTAG00000047982

ENSBTAG00000045760

ENSBTAG00000008295\_ACTL6B

ENSBTAG00000037917\_SLC17A1

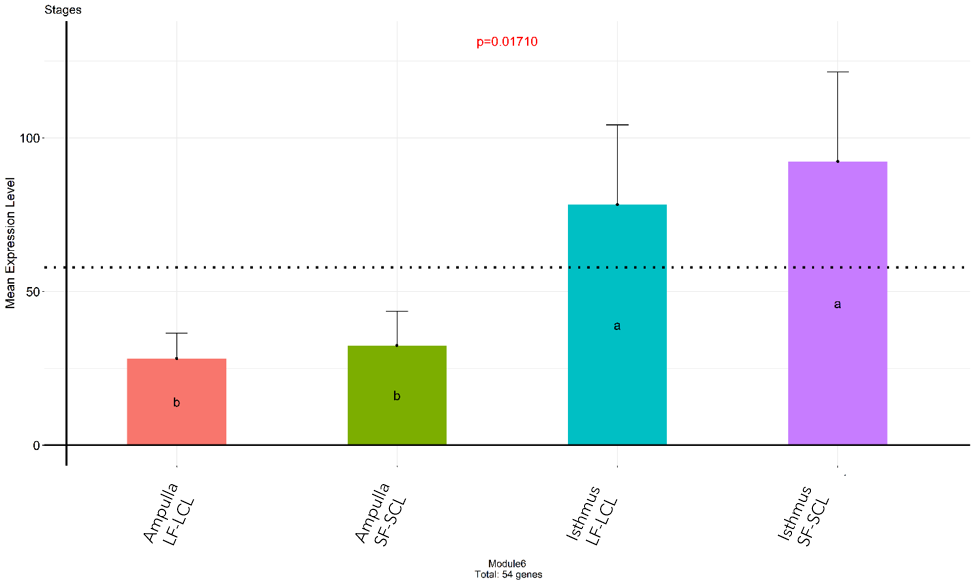
ENSBTAG00000046052\_ANKRD63

ENSBTAG00000007687\_GDF6

ENSBTAG00000030472\_TAS2R42

ENSBTAG00000047072

1. **Cluster 6: 54 genes.**



ENSBTAG00000021565\_PRSS2

ENSBTAG00000003658\_RELN

ENSBTAG00000010285\_MMRN1

ENSBTAG00000007268\_F13A1

ENSBTAG00000016520\_TPSB1

ENSBTAG00000022514\_CD5L

ENSBTAG00000026836\_ABI3BP

ENSBTAG00000019669\_CD163

ENSBTAG00000012185\_CLEC4E

ENSBTAG00000015415\_UNC80

ENSBTAG00000015008\_CPA3

ENSBTAG00000020481\_GXYLT2

ENSBTAG00000026119\_PTI

ENSBTAG00000002680\_TMEM132E

ENSBTAG00000022715\_DMBT1

ENSBTAG00000003392\_GABRA5

ENSBTAG00000005419\_ABP1

ENSBTAG00000017948\_SPIN4

ENSBTAG00000048155\_FCNB

ENSBTAG00000048097

ENSBTAG00000022498

ENSBTAG00000017073\_HPGDS

ENSBTAG00000048189

ENSBTAG00000003432\_ZAN

ENSBTAG00000012034\_KRT4

ENSBTAG00000001893\_TM4SF4

ENSBTAG00000043081\_SNORD98

ENSBTAG00000013849\_RGS13

ENSBTAG00000043048\_SNORD59

ENSBTAG00000020499\_PLA2G2D3

ENSBTAG00000047454\_OLAH

ENSBTAG00000016234\_DUOX2

ENSBTAG00000001804\_GPR179

ENSBTAG00000046662\_TRPM5

ENSBTAG00000029925\_bta-mir-125b-1

ENSBTAG00000001082\_SH2D5

ENSBTAG00000014062\_FRMD1

ENSBTAG00000018792\_SLC22A11

ENSBTAG00000043342\_SNORD113

ENSBTAG00000038422

ENSBTAG00000008851

ENSBTAG00000045184\_SNORD127

ENSBTAG00000045583

ENSBTAG00000015763\_SPATA22

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ENSBTAG00000046252

ENSBTAG00000047889

ENSBTAG00000038576\_GBP6

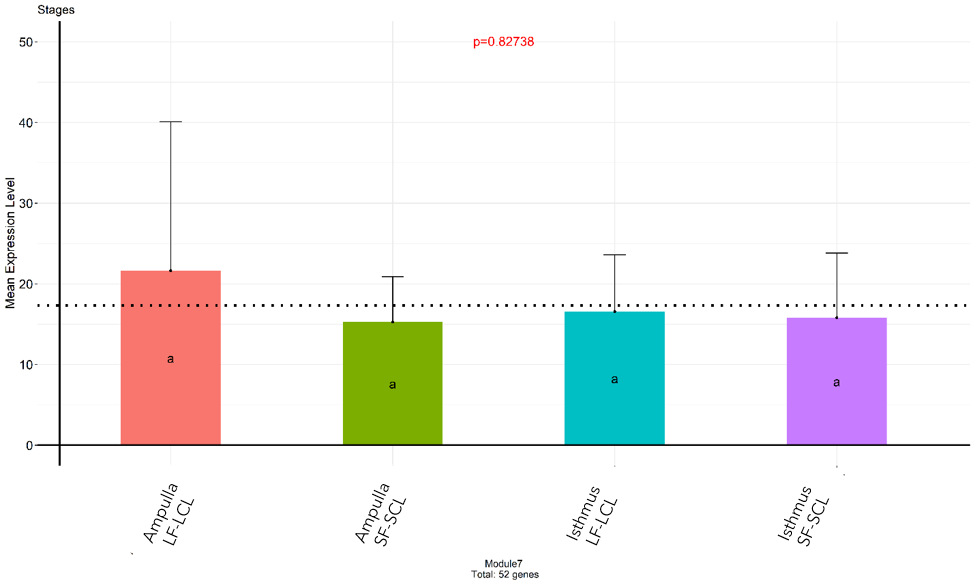
ENSBTAG00000010127\_MIP

ENSBTAG00000017743\_XIRP2

ENSBTAG00000047001

ENSBTAG00000046308

1. **Cluster 7: 52 genes.**



ENSBTAG00000005714\_ACTC1

ENSBTAG00000023393\_AIRE

ENSBTAG00000014328

ENSBTAG00000020285\_PRG3

ENSBTAG00000047764

ENSBTAG00000020991\_COL19A1

ENSBTAG00000006239

ENSBTAG00000016210\_LYPD2

ENSBTAG00000003020\_SRCRB4D

ENSBTAG00000020887\_CAV2.3

ENSBTAG00000005667\_SPATA31D1

ENSBTAG00000008017\_UNC79

ENSBTAG00000047336

ENSBTAG00000045788

ENSBTAG00000027328

ENSBTAG00000047767\_MUC3A

ENSBTAG00000033837

ENSBTAG00000009752\_CD70

ENSBTAG00000021328\_SPHKAP

ENSBTAG00000001562\_NFE2

ENSBTAG00000031756

ENSBTAG00000016148

ENSBTAG00000046430\_ZNF804B

ENSBTAG00000000401\_TTC24

ENSBTAG00000047363

ENSBTAG00000047181

ENSBTAG00000013763\_C10orf82

ENSBTAG00000038262

ENSBTAG00000010349\_IL1A

ENSBTAG00000046035

ENSBTAG00000046709

ENSBTAG00000016159\_NPBWR1

ENSBTAG00000017343\_COLEC10

ENSBTAG00000016327\_SLC28A2

ENSBTAG00000038159

ENSBTAG00000046726\_CLDN20

ENSBTAG00000047270

ENSBTAG00000046298\_SYCE3

ENSBTAG00000043233\_SNORA27

ENSBTAG00000002983\_NT5C1A

ENSBTAG00000039673

ENSBTAG00000043531\_SNORD18

ENSBTAG00000047596\_C2orf53

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ENSBTAG00000009409\_PANX3

ENSBTAG00000003442\_LRIT1

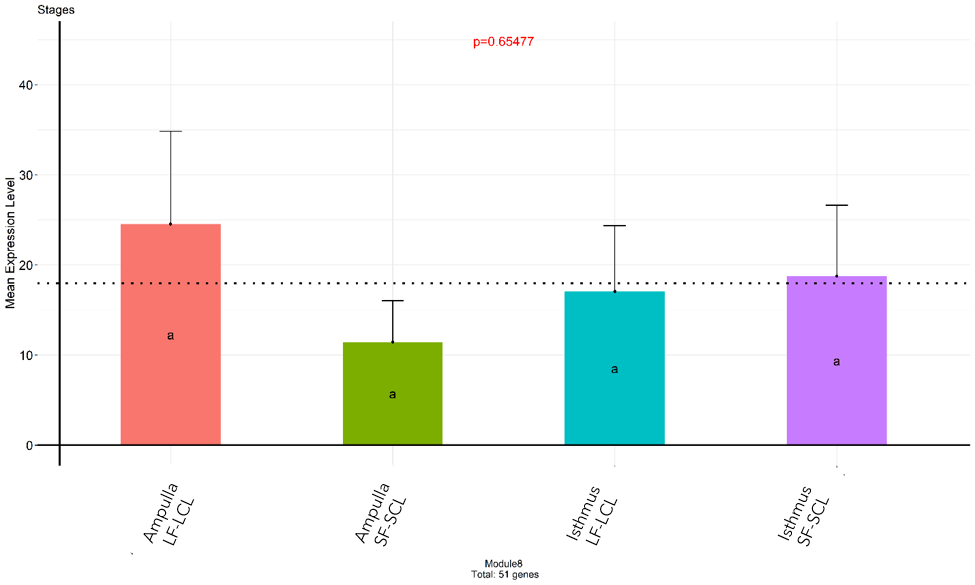
ENSBTAG00000013095\_FOXN1

ENSBTAG00000037554

ENSBTAG00000040261

ENSBTAG00000020007

1. **Cluster 8: 51 genes.**



ENSBTAG00000045929

ENSBTAG00000031017

ENSBTAG00000037989

ENSBTAG00000038604\_H2B

ENSBTAG00000001308

ENSBTAG00000014761\_PGA

ENSBTAG00000031359

ENSBTAG00000017969\_CA4

ENSBTAG00000002664\_WNT9B

ENSBTAG00000006745\_FGG

ENSBTAG00000003775\_C8B

ENSBTAG00000004508\_DBH

ENSBTAG00000024980\_VIT

ENSBTAG00000037534\_KLRF1

ENSBTAG00000048184

ENSBTAG00000031738

ENSBTAG00000017896\_ST8SIA2

ENSBTAG00000040026

ENSBTAG00000001730\_ODF3

ENSBTAG00000000595\_FBN3

ENSBTAG00000000381\_S1PR4

ENSBTAG00000039932

ENSBTAG00000021735\_GALNT14

ENSBTAG00000001443

ENSBTAG00000010151\_CA5A

ENSBTAG00000044037\_DACH2

ENSBTAG00000039065\_HS6ST3

ENSBTAG00000034064\_MGC133764

ENSBTAG00000044536\_SNORA30

ENSBTAG00000005560\_ST18

ENSBTAG00000045309\_bta-mir-2443

ENSBTAG00000031186\_GBP6

ENSBTAG00000007306\_RAB3C

ENSBTAG00000039052

ENSBTAG00000015125\_KLK5

ENSBTAG00000040150

ENSBTAG00000010897\_RESP18

ENSBTAG00000013014\_GPR61

ENSBTAG00000043483\_SNORD83

ENSBTAG00000017434\_MROH2A

ENSBTAG00000033352\_DMRT1

ENSBTAG00000047473

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ENSBTAG00000040222

ENSBTAG00000032873

ENSBTAG00000037844\_CDH18

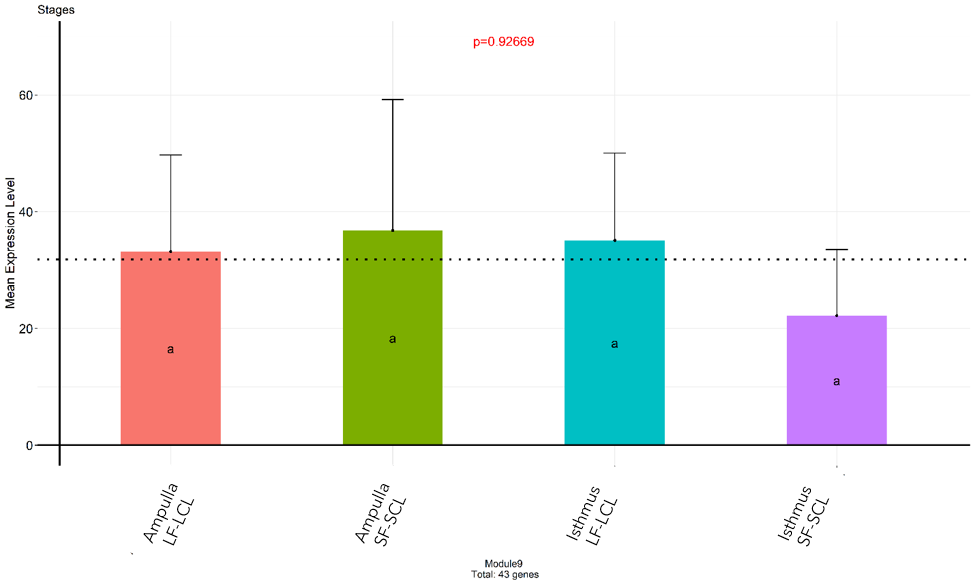
ENSBTAG00000012780\_LPO

ENSBTAG00000008426

ENSBTAG00000034939\_BTNL2

ENSBTAG00000047170

1. **Cluster 9: 43 genes.**



ENSBTAG00000026502

ENSBTAG00000020247\_ADCYAP1R1

ENSBTAG00000024272\_BT.37579

ENSBTAG00000048304

ENSBTAG00000025903\_GLDC

ENSBTAG00000039563

ENSBTAG00000031802\_SPATA16

ENSBTAG00000001260\_PINLYP

ENSBTAG00000039329\_RAET1G

ENSBTAG00000045905\_PCDH15

ENSBTAG00000014847\_BBOX1

ENSBTAG00000044183\_SPINK7

ENSBTAG00000040580

ENSBTAG00000039827

ENSBTAG00000018585\_GABRB2

ENSBTAG00000039994

ENSBTAG00000039849

ENSBTAG00000038797

ENSBTAG00000034302

ENSBTAG00000006769\_HSD3B

ENSBTAG00000021340\_POU2F3

ENSBTAG00000011921\_TIGIT

ENSBTAG00000045782\_BMP15

ENSBTAG00000009273

ENSBTAG00000045706

ENSBTAG00000045768

ENSBTAG00000003078\_COL10A1

ENSBTAG00000017227

ENSBTAG00000017062\_ADM2

ENSBTAG00000031232

ENSBTAG00000005548\_HYAL4

ENSBTAG00000010062\_SLC26A4

ENSBTAG00000046313\_CCDC54

ENSBTAG00000025664

ENSBTAG00000005702\_CNGB1

ENSBTAG00000046494\_CORT

ENSBTAG00000019468\_ACTL7A

ENSBTAG00000020351\_SLC34A1

ENSBTAG00000000273\_IL5RA

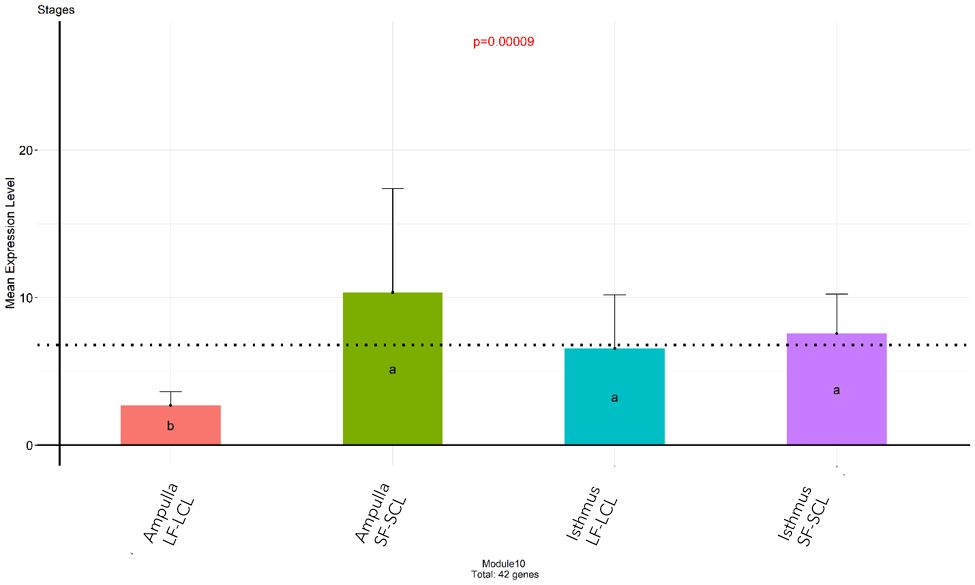
ENSBTAG00000033377

ENSBTAG00000004581\_MS4A14

ENSBTAG00000047398

ENSBTAG00000047924\_MAB21L2

1. **Cluster 10: 42 genes.**



ENSBTAG00000019529\_ATP8A2

ENSBTAG00000009775\_PRRG3

ENSBTAG00000007424\_LIF

ENSBTAG00000047675\_SIGLEC6

ENSBTAG00000011990\_ALOX12

ENSBTAG00000016768\_SCN3B

ENSBTAG00000040000

ENSBTAG00000026994\_C2H2orf88

ENSBTAG00000010352\_KCNK16

ENSBTAG00000012759\_FBXO41

ENSBTAG00000046213\_SNORD116

ENSBTAG00000011940\_ZNF831

ENSBTAG00000006566\_GPR43

ENSBTAG00000006691\_GABRA3

ENSBTAG00000039347\_CLEC4D

ENSBTAG00000026626\_ANHX

ENSBTAG00000016794\_SLC10A6

ENSBTAG00000045197\_SNORD125

ENSBTAG00000015175

ENSBTAG00000012347\_SLC51A

ENSBTAG00000020859\_SERPINF2

ENSBTAG00000042931\_SNORD75

ENSBTAG00000034220\_CDKN2A

ENSBTAG00000032429

ENSBTAG00000016151\_VTN

ENSBTAG00000042456\_SNORD43

ENSBTAG00000015525\_SLC39A12

ENSBTAG00000003387\_PIP5KL1

ENSBTAG00000025775\_INSL3

ENSBTAG00000038224\_GDF7

ENSBTAG00000038955

ENSBTAG00000014400\_E2F2

ENSBTAG00000016880\_TAS2R3

ENSBTAG00000043165\_SNORA70

ENSBTAG00000016365\_ABCG5

ENSBTAG00000016835\_IL17F

ENSBTAG00000005952\_CEBPE

ENSBTAG00000047971\_KIR3DL1

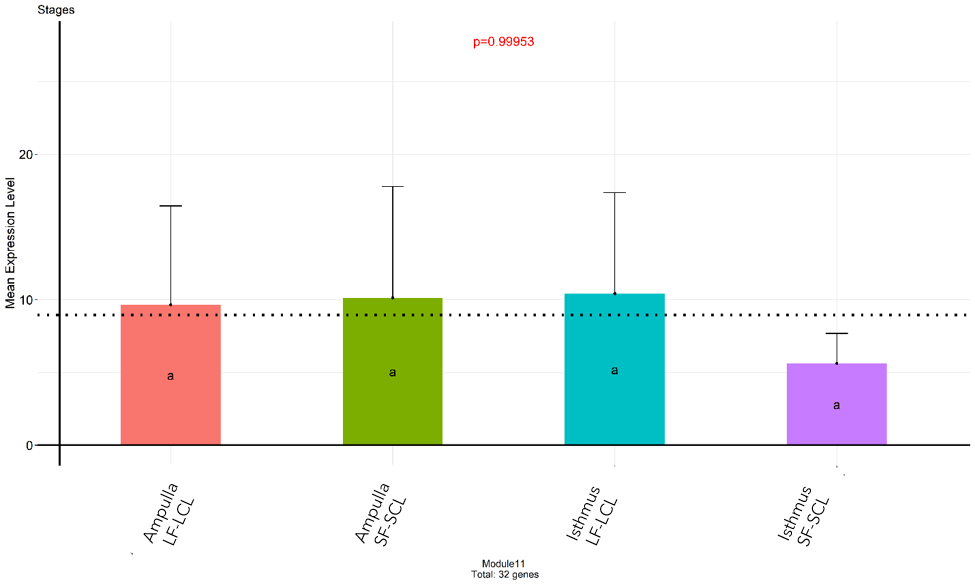
ENSBTAG00000006635\_DBX2

ENSBTAG00000018787\_GCM2

ENSBTAG00000042370\_SNORA56

ENSBTAG00000032236\_CA1

1. **Cluster 11: 32 genes.**



ENSBTAG00000009739\_CSMD1

ENSBTAG00000015412\_TGM7

ENSBTAG00000004595\_GML

ENSBTAG00000019931

ENSBTAG00000000606\_SYT10

ENSBTAG00000002253\_FKBP6

ENSBTAG00000039257

ENSBTAG00000027033

ENSBTAG00000046345

ENSBTAG00000017648\_TIFAB

ENSBTAG00000040146

ENSBTAG00000039929\_RXFP3

ENSBTAG00000033359

ENSBTAG00000015061

ENSBTAG00000013106\_C19orf81

ENSBTAG00000042499\_SNORA61

ENSBTAG00000047175\_GP6

ENSBTAG00000031052\_CDK5R2

ENSBTAG00000019172\_IGSF21

ENSBTAG00000006121\_SBK2

ENSBTAG00000002071

ENSBTAG00000046294

ENSBTAG00000003479\_MATN1

ENSBTAG00000009444\_SLC15A5

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ENSBTAG00000018162\_VN1R4

ENSBTAG00000031763

ENSBTAG00000040133\_C3orf20

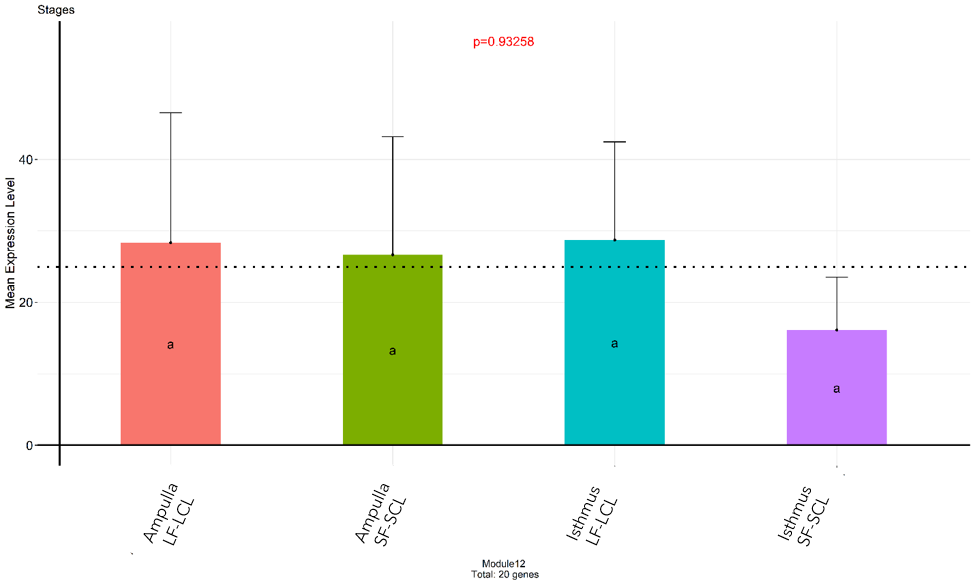
ENSBTAG00000043795\_SNORD31

ENSBTAG00000020669\_PROKR1

ENSBTAG00000001271\_PLG

ENSBTAG00000046068

1. **Cluster 12: 20 genes.**



ENSBTAG00000038112\_ULBP3

ENSBTAG00000017780\_DPYSL4

ENSBTAG00000010033

ENSBTAG00000040409

ENSBTAG00000045845

ENSBTAG00000006539\_SIRPB2

ENSBTAG00000014141\_SPATA4

ENSBTAG00000038698

ENSBTAG00000032206\_HEMGN

ENSBTAG00000033708

ENSBTAG00000046683

ENSBTAG00000022379\_VSIG2

ENSBTAG00000046431

ENSBTAG00000006582\_SSTR1

ENSBTAG00000014523\_DIRAS2

ENSBTAG00000034320

ENSBTAG00000043979

ENSBTAG00000010676\_RBM44

ENSBTAG00000006451\_GAP43

ENSBTAG00000007633\_ANKRD34B

1. **Complete list of not correlated genes.**

ENSBTAG00000047946

ENSBTAG00000021516\_GSTA1

ENSBTAG00000010413\_TMEM169

ENSBTAG00000019870\_SLC14A1

ENSBTAG00000011985

ENSBTAG00000030543\_SLC6A16

ENSBTAG00000017157\_CCDC110

ENSBTAG00000018543\_VIL1

ENSBTAG00000020361\_SLC35F3

ENSBTAG00000002009

ENSBTAG00000017251\_SLC26A8

ENSBTAG00000000951\_JAKMIP3

ENSBTAG00000039194\_C3H3orf22

ENSBTAG00000038275\_CYP27C1

ENSBTAG00000025718\_HMGCLL1

ENSBTAG00000020426\_TFAP2B

ENSBTAG00000015132\_RXFP2

ENSBTAG00000022209\_CABP2

ENSBTAG00000047019

ENSBTAG00000046098\_ACSM4

ENSBTAG00000009585\_CDH16

ENSBTAG00000045896\_NPTX2

ENSBTAG00000043234\_SNORD87

ENSBTAG00000005164\_GZMK

ENSBTAG00000018576\_DPYSL5

ENSBTAG00000000751\_RRH

ENSBTAG00000042677\_SNORD59

ENSBTAG00000024901

ENSBTAG00000021326\_CCL20

ENSBTAG00000013378\_AADACL2

ENSBTAG00000007720\_NKG2A

ENSBTAG00000002773

ENSBTAG00000030119

ENSBTAG00000038565

ENSBTAG00000003977\_SLC52A3

ENSBTAG00000019690\_PNLIPRP3

ENSBTAG00000042440\_SNORA9

ENSBTAG00000021368

ENSBTAG00000045514

ENSBTAG00000006649\_TSSK6

ENSBTAG00000032761\_CALHM3

ENSBTAG00000010632\_FABP6

ENSBTAG00000038433

ENSBTAG00000043383\_SNORD24

ENSBTAG00000013974\_TMEM215

ENSBTAG00000042100\_SNORD102

ENSBTAG00000023079

ENSBTAG00000046478

ENSBTAG00000015715\_SPOCD1

ENSBTAG00000031346\_ANKUB1

ENSBTAG00000000776

ENSBTAG00000026157

ENSBTAG00000039401\_TRB@

ENSBTAG00000046973

ENSBTAG00000015045\_PRSS21

ENSBTAG00000000237

ENSBTAG00000015592\_GPR84

ENSBTAG00000004474\_BANF2

ENSBTAG00000014869

ENSBTAG00000048175

ENSBTAG00000019770\_APOA4

ENSBTAG00000002595\_ABCB5

ENSBTAG00000047937

ENSBTAG00000042819\_snoZ39

ENSBTAG00000005891\_FCRL1

ENSBTAG00000045878

ENSBTAG00000009840\_OR2AE1

ENSBTAG00000045951

ENSBTAG00000047992\_C17orf107

ENSBTAG00000040188\_OR12D2

ENSBTAG00000000644\_S100A5

ENSBTAG00000000029\_LYZL6

ENSBTAG00000046466\_SNORA15

ENSBTAG00000006438\_ACTL8

ENSBTAG00000020022\_IL13RA2

ENSBTAG00000021882

ENSBTAG00000017357\_CLCA4

ENSBTAG00000017718\_CCL22

ENSBTAG00000043914\_SNORD19

ENSBTAG00000042644\_snoU6-53

ENSBTAG00000019469\_SPACA1

ENSBTAG00000046693

ENSBTAG00000038568

ENSBTAG00000018204\_MYH1

ENSBTAG00000016366\_ABCG8

ENSBTAG00000039086

ENSBTAG00000046169\_CPA1

ENSBTAG00000006924\_NXPH1

ENSBTAG00000012478\_ALOXE3

ENSBTAG00000008876\_EFCAB9

ENSBTAG00000030454

ENSBTAG00000015047

ENSBTAG00000001310\_RHO

ENSBTAG00000036102

ENSBTAG00000031845\_SSX5

ENSBTAG00000044025\_IL1RAPL2

ENSBTAG00000038928

ENSBTAG00000014514

ENSBTAG00000012052\_PADI4

ENSBTAG00000004218\_SYNDIG1L

ENSBTAG00000001231\_CDHR1

ENSBTAG00000047526\_GSC2

ENSBTAG00000047423\_C19orf69

ENSBTAG00000014284\_ALPK2

ENSBTAG00000042579\_snoU6-53

ENSBTAG00000018917\_EN2

ENSBTAG00000043528\_SNORA46

ENSBTAG00000024318

ENSBTAG00000019435

ENSBTAG00000045672

ENSBTAG00000029892\_bta-mir-10a

ENSBTAG00000018880

ENSBTAG00000031236

ENSBTAG00000048101\_SNORD113

ENSBTAG00000015518\_KRT12

ENSBTAG00000047396

ENSBTAG00000011808\_MSTN

ENSBTAG00000046663\_CBY3

ENSBTAG00000014682\_AANAT

ENSBTAG00000023648

ENSBTAG00000046591

ENSBTAG00000042366\_SNORA22