

| TRANSCRIPT | GENOMIC LOCATION | GENE HIT | LENGTH | SCORE | %ID | EXPRESSION | EXPRESSED IN PLACENTA | SUBCELLULAR LOCALISATION | ASSOCIATED GENETIC DISEASE |
|-------------------|-----------------------|-----------------|--------|-------|------|---|-----------------------|--------------------------|--|
| ENST00000658227.1 | 6:166314937-166316243 | ENSG00000287189 | 1312 | 1650 | 90.9 | right uterine tube, olfactory segment of nasal mucosa, hypothalamus and other tissues | / | / | |
| ENST00000670000.1 | 1:119180392-119181234 | WARS2-AS1 | 852 | 931 | 88.8 | ubiquitous | NO | / | Parkinsonism-Dystonia 3, childhood-onset |
| ENST00000413763.1 | X:75903868-75904856 | ENSG00000226854 | 1012 | 765 | 83.7 | nervous system, gastrointestinal tract, glands, ovary, prostate | NO | / | |
| ENST00000674361.1 | X:113897095-113897617 | XACT | 524 | 700 | 91.9 | pancreas, colon, testis | NO | nucleolus | |
| ENST00000670000.1 | 1:119181237-119181954 | WARS2-AS1 | 718 | 672 | 86.6 | ubiquitous | NO | / | Parkinsonism-Dystonia 3, childhood-onset |
| ENST00000670000.1 | 1:119182141-119182963 | WARS2-AS1 | 865 | 654 | 83.5 | ubiquitous | NO | / | Parkinsonism-Dystonia 3, childhood-onset |
| ENST00000440150.5 | 1:119182141-119182963 | WARS2-AS1 | 865 | 654 | 83.5 | ubiquitous | NO | / | Parkinsonism-Dystonia 3, childhood-onset |
| ENST00000653218.1 | 21:18759799-18760297 | MIR548XHG | 499 | 615 | 90.5 | brain, glands, intestine, skin, testis | NO | / | |
| ENST00000671206.1 | 21:18759799-18760297 | MIR548XHG | 499 | 615 | 90.5 | brain, glands, intestine, skin, testis | NO | / | |
| ENST00000685812.2 | 4:42285839-42286367 | ENSG00000289643 | 529 | 613 | 89.4 | / | / | / | |
| ENST00000657223.1 | 13:69221874-69222446 | LINC00383 | 575 | 577 | 87.3 | gonad, testis, thyroid, brain | NO | / | Hepatocellular carcinoma |
| ENST00000669402.1 | 6:88420946-88421373 | ENSG00000234426 | 428 | 569 | 91.8 | overexpressed in whole blood | NO | / | / |
| ENST00000436786.1 | 9:22823297-22823817 | LINC01239 | 523 | 569 | 88.5 | overexpressed in adipose, subcutaneous tissue and breast | NO | / | Fanconi anemia complementation group I |
| ENST00000671139.1 | 2:112039378-112039935 | ENSG00000286904 | 559 | 544 | 86.5 | colonic epithelium, right adrenal gland cortex, sural nerve and other tissues | / | / | / |
| ENST00000454367.2 | 2:58275640-58276157 | LINC01795 | 526 | 502 | 87 | testis, brain, intestine, ovary, blood | NO | / | / |

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|-------------------|------------------------|-----------------|-----|-----|------|--|----|-----------|---|
| ENST00000655335.1 | 2:58275640-58276157 | LINC01795 | 526 | 502 | 87 | testis, brain, intestine, ovary, blood | NO | / | / |
| ENST00000605778.1 | 7:35696139-35696567 | HERPUD2-AS1 | 432 | 490 | 88.8 | ubiquitous | NO | / | / |
| ENST00000670606.1 | 2:75872035-75872492 | ENSG00000287474 | 459 | 486 | 88.4 | gonad, testis, pancreas and other tissues | / | / | / |
| ENST00000674361.1 | X:113897542-113897869 | XACT | 328 | 480 | 93.5 | pancreas, colon, testis | NO | nucleolus | / |
| ENST00000657054.1 | 12:126449360-126449808 | LINC02347 | 457 | 461 | 87.7 | ubiquitous | NO | / | / |
| ENST00000661190.1 | 12:126449360-126449808 | LINC02347 | 457 | 461 | 87.7 | ubiquitous | NO | / | / |
| ENST00000654221.1 | 12:126449360-126449808 | LINC02347 | 457 | 461 | 87.7 | ubiquitous | NO | / | / |
| ENST00000663153.1 | 12:126449360-126449808 | LINC02347 | 457 | 461 | 87.7 | ubiquitous | NO | / | / |
| ENST00000653244.1 | 12:126449360-126449808 | LINC02347 | 457 | 461 | 87.7 | ubiquitous | NO | / | / |
| ENST00000649476.1 | 18:57735177-57735590 | ENSG00000267787 | 415 | 453 | 88.9 | colonic epithelium, granulocytes, monocytes and other tissues | / | / | / |
| ENST00000588925.5 | 18:57735177-57735590 | ENSG00000267787 | 415 | 453 | 88.9 | colonic epithelium, granulocytes, monocytes and other tissues | / | / | / |
| ENST00000355189.7 | 21:18752749-18759774 | MIR548XHG | 369 | 453 | 90.5 | brain, glands, intestine, skin, testis | NO | / | |
| ENST00000685812.2 | 4:42292169-42292599 | ENSG00000289643 | 431 | 417 | 87.2 | / | / | / | / |
| ENST00000681309.1 | 3:70617120-70617434 | ENSG00000288679 | 327 | 378 | 89.2 | / | / | / | / |
| ENST00000414582.1 | 21:18752749-18753028 | MIR548XHG | 280 | 356 | . | brain, glands, intestine, skin, testis | NO | / | |
| ENST00000664906.1 | 2:34732453-34732768 | ENSG00000232153 | 316 | 340 | 88.6 | adipose tissue, kidney, pancreas, testis | NO | / | / |
| ENST00000643361.1 | 1:68698450-68864146 | ENSG00000285407 | 324 | 330 | 87.9 | ventricular zone, nucleus accumbens, ganglionic eminence and other tissues | / | / | / |

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| ENST00000530569.5 | 11:22317752-22318037 | SLC17A6-DT | 286 | 289 | 87.7 | brain, muscle, gastrointestinal, glands, testis | NO | / | / |
| ENST00000605778.1 | 7:35696697-35697010 | HERPUD2-AS1 | 314 | 281 | 86.3 | ubiquitous | NO | / | / |
| ENST00000586729.1 | 18:57735400-57735590 | ENSG00000267787 | 191 | 259 | 92.1 | colonic epithelium, granulocyte, monocyte and other tissues | / | / | / |
| ENST00000656413.1 | 21:18759799-18760027 | MIR548XHG | 229 | 255 | 89 | brain, glands, intestine, skin, testis | NO | / | / |
| ENST00000681309.1 | 3:70617408-70617661 | ENSG00000288679 | 255 | 241 | 87 | / | / | / | / |
| ENST00000695562.1 | 13:23527872-23528172 | ENSG00000289688 | 301 | 190 | 83 | / | / | / | / |
| ENST00000655335.1 | 2:58275536-58275678 | LINC01795 | 144 | 186 | 91.6 | testis, brain, intestine, ovary, blood, kidney | NO | / | / |
| ENST00000657054.1 | 12:126449766-126449896 | LINC02347 | 132 | 180 | 92.4 | testis, brain, pancreas, intestine, breast, ovary, spleen, blood, glands | NO | / | / |
| ENST00000661190.1 | 12:126449766-126449896 | LINC02347 | 132 | 180 | 92.4 | testis, brain, pancreas, intestine, breast, ovary, spleen, blood, glands | NO | / | / |
| ENST00000654221.1 | 12:126449766-126449896 | LINC02347 | 132 | 180 | 92.4 | testis, brain, pancreas, intestine, breast, ovary, spleen, blood, glands | NO | / | / |
| ENST00000663153.1 | 12:126449766-126449896 | LINC02347 | 132 | 180 | 92.4 | testis, brain, pancreas, intestine, breast, ovary, spleen, blood, glands | NO | / | / |
| ENST00000653244.1 | 12:126449766-126449896 | LINC02347 | 132 | 180 | 92.4 | testis, brain, pancreas, intestine, breast, ovary, spleen, blood, glands | NO | / | / |

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| ENST00000670000.1 | 1:119182983-119183225 | WARS2-AS1 | 246 | 178 | 84.1 | ubiquitous | NO | / | Parkinsonism-Dystonia 3, childhood-onset |
| ENST00000440150.5 | 1:119182983-119183225 | WARS2-AS1 | 246 | 178 | 84.1 | ubiquitous | NO | / | Parkinsonism-Dystonia 3, childhood-onset |
| ENST00000667450.1 | Y:19040249-19040543 | TTYT14 | 295 | 178 | 82.3 | ubiquitous | YES | nucleus | / |
| ENST00000658227.1 | 6:166316268-166316382 | ENSG00000287189 | 115 | 164 | 93 | right uterine tube, olfactory segment of nasal mucosa, hypothalamus and other tissues | NO | / | / |
| ENST00000648574.1 | 13:69222324-69222446 | LINC00383 | 124 | 164 | 91.9 | brain, testis, prostate | NO | / | Hepatocellular carcinoma |
| ENST00000444536.1 | 13:63687404-63687509 | LINC00395 | 106 | 154 | 93.3 | mainly testis | NO | / | / |
| ENST00000653218.1 | 21:18760222-18760312 | MIR548XHG | 91 | 148 | 95.6 | brain, glands, intestine, skin, testis | NO | / | / |
| ENST00000671206.1 | 21:18760222-18760312 | MIR548XHG | 91 | 148 | 95.6 | brain, glands, intestine, skin, testis | NO | / | / |
| ENST00000702094.1 | 7:87329938-87330060 | TP53TG1 | 123 | 140 | 89.4 | ubiquitous | YES | nucleus, cytosol, mitochondrion, cytoskeleton, extracellular, plasma membrane | Glioma, lung and colorectal cancer |
| ENST00000687819.1 | 7:87329938-87330060 | TP53TG1 | 123 | 140 | 89.4 | ubiquitous | YES | nucleus, cytosol, mitochondrion, cytoskeleton, extracellular, plasma membrane | Glioma, lung and colorectal cancer |
| ENST00000686297.1 | 7:87329938-87330060 | TP53TG1 | 123 | 140 | 89.4 | ubiquitous | YES | nucleus, cytosol, mitochondrion, cytoskeleton, extracellular, plasma membrane | Glioma, lung and colorectal cancer |
| ENST00000359941.11 | 7:87329938-87330060 | TP53TG1 | 123 | 140 | 89.4 | ubiquitous | YES | nucleus, cytosol, mitochondrion, cytoskeleton, extracellular, plasma membrane | Glioma, lung and colorectal cancer |
| ENST00000566193.1 | Y:19694443-19694603 | ENSG00000260197 | 162 | 136 | 85.8 | ubiquitous | NO | / | / |
| ENST00000453774.2 | 2:34732453-34737321 | LINC01320 | 106 | 130 | 90.5 | kidney, testis, pancreas, uterus, | NO | / | / |

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| | | | | | | brain, heart, intestine | | | |
| ENST00000671356.1 | 2:34732453-34737321 | LINC01320 | 106 | 130 | 90.5 | kidney, testis, pancreas, uterus, brain, heart, intestine | NO | / | / |
| ENST00000665109.1 | 2:34732453-34737321 | LINC01320 | 106 | 130 | 90.5 | kidney, testis, pancreas, uterus, brain, heart, intestine | NO | / | / |
| ENST00000664286.1 | 2:34732453-34737321 | LINC01320 | 106 | 130 | 90.5 | kidney, testis, pancreas, uterus, brain, heart, intestine | NO | / | / |
| ENST00000621006.1 | 2:34732453-34737321 | LINC01320 | 106 | 130 | 90.5 | kidney, testis, pancreas, uterus, brain, heart, intestine | NO | / | / |
| ENST00000658168.1 | 2:34732453-34737321 | LINC01320 | 106 | 130 | 90.5 | kidney, testis, pancreas, uterus, brain, heart, intestine | NO | / | / |
| ENST00000603129.6 | 2:34732453-34737321 | LINC01320 | 106 | 130 | 90.5 | kidney, testis, pancreas, uterus, brain, heart, intestine | NO | / | / |
| ENST00000671252.1 | 2:34732453-34737321 | LINC01320 | 106 | 130 | 90.5 | kidney, testis, pancreas, uterus, brain, heart, intestine | NO | / | / |
| ENST00000627270.2 | 2:34732453-34737321 | LINC01320 | 106 | 130 | 90.5 | kidney, testis, pancreas, uterus, brain, heart, intestine | NO | / | / |
| ENST00000626601.2 | 2:34732453-34737321 | LINC01320 | 106 | 130 | 90.5 | kidney, testis, pancreas, uterus, brain, heart, intestine | NO | / | / |
| ENST00000616475.4 | 2:34732453-34737321 | LINC01320 | 106 | 130 | 90.5 | kidney, testis, pancreas, uterus, brain, heart, intestine | NO | / | / |
| ENST00000626008.2 | 2:34732453-34737321 | LINC01320 | 106 | 130 | 90.5 | kidney, testis, pancreas, uterus, | NO | / | / |

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| | | | | | | brain, heart, intestine | | | |
| ENST00000429137.1 | 6:88420946-88421031 | ENSG00000234426 | 86 | 130 | 94.1 | ubiquitous | NO | / | / |
| ENST00000628407.2 | 2:34732453-34732557 | LINC01320 | 105 | 128 | 90.4 | kidney, testis, pancreas, uterus, brain, heart, intestine | NO | / | / |
| ENST00000625995.2 | 2:34732453-34732557 | LINC01320 | 105 | 128 | 90.4 | kidney, testis, pancreas, uterus, brain, heart, intestine | NO | / | / |
| ENST00000433664.1 | 13:69222349-69222446 | LINC00383 | 99 | 123 | 90.9 | right uterine tube, olfactory segment of nasal mucosa, hypothalamus and other tissues | / | / | / |
| ENST00000413763.1 | X:75903105-75903175 | ENSG00000226854 | 72 | 109 | 94.4 | brain, gonads, glands, intestine | NO | / | / |
| ENST00000695562.1 | 13:23527417-23527535 | ENSG00000289688 | 119 | 109 | 86.5 | / | / | / | / |
| ENST00000661265.1 | 3:70617766-70617836 | ENSG00000287669 | 71 | 109 | 94.3 | / | / | / | / |
| ENST00000695562.1 | 13:23528606-23528775 | ENSG00000289688 | 170 | 107 | 82.9 | / | / | / | / |
| ENST00000690980.1 | 7:87329938-87330031 | TP53TG1 | 94 | 107 | 89.3 | ubiquitous | YES | nucleus, cytosol, mitochondrion, cytoskeleton, extracellular, plasma membrane | Glioma, lung and colorectal cancer |
| ENST00000444770.1 | 10:63664664-63664770 | ENSG00000228566 | 107 | 107 | 86.9 | ubiquitous | NO | / | / |
| ENST00000605778.1 | 7:35696529-35696701 | HERPUD2-AS1 | 181 | 105 | 82.3 | ubiquitous | NO | / | / |
| ENST00000657223.1 | 13:69221866-69221946 | LINC00383 | 82 | 103 | 91.4 | right uterine tube, olfactory segment of nasal mucosa, hypothalamus and other tissues | / | / | / |
| ENST00000695562.1 | 13:23525374-23525565 | ENSG00000289688 | 192 | 97.4 | 81.7 | / | / | / | / |
| ENST00000444536.1 | 13:63687493-63714355 | LINC00395 | 67 | 93.4 | 92.5 | mainly testis | NO | / | / |

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| ENST00000623391.1 | 22:15287138-15287367 | ENSG00000280341 | 232 | 93.4 | 79.3 | pancreas, cortical plate, blood and other tissues | / | / | / |
| ENST00000623391.1 | 22:15286984-15287089 | ENSG00000280341 | 106 | 91.4 | 85.8 | pancreas, cortical plate, blood and other tissues | / | / | / |
| ENST00000664067.1 | 1:205858319-205868833 | ENSG00000286619 | 66 | 91.4 | 92.4 | esophagus, brain, pancreas and other tissues | / | / | / |
| ENST00000538329.1 | 12:14220974-14221112 | ENSG00000256084 | 140 | 77.6 | 82.1 | ubiquitous | NO | / | / |
| ENST00000660850.1 | 2:58276096-58276157 | LINC01795 | 62 | 75.6 | 90.3 | testis, brain, intestine, ovary, blood, kidney | NO | / | / |
| ENST00000670000.1 | 1:119183198-119183268 | WARS2-AS1 | 81 | 73.6 | 83.9 | ubiquitous | NO | | Parkinsonism-Dystonia 3, childhood-onset |
| ENST00000440150.5 | 1:119183198-119183268 | WARS2-AS1 | 81 | 73.6 | 83.9 | ubiquitous | NO | | Parkinsonism-Dystonia 3, childhood-onset |
| ENST00000685812.2 | 4:42292572-42292644 | ENSG00000289643 | 83 | 69.7 | 83.1 | / | / | / | / |
| ENST00000454367.2 | 2:58275640-58275678 | LINC01795 | 39 | 69.7 | 97.4 | testis, brain, intestine, ovary, blood, kidney | NO | / | / |
| ENST00000664906.1 | 2:34732421-34732466 | ENSG00000232153 | 47 | 67.7 | 93.6 | testis, adipocytes, kidney | NO | / | / |
| ENST00000621006.1 | 2:34732421-34732466 | LINC01320 | 47 | 67.7 | 93.6 | kidney, testis, pancreas, uterus, brain, heart, intestine | NO | / | / |
| ENST00000702818.1 | 11:110328463-110328521 | ENSG00000290078 | 59 | 67.7 | 89.8 | / | / | / | / |
| ENST00000685812.2 | 4:42292109-42292172 | ENSG00000289643 | 64 | 63.8 | 87.5 | / | / | / | / |
| ENST00000436786.1 | 9:22823252-22823291 | LINC01239 | 40 | 63.8 | 95 | ubiquitous, overexpressed in adipose, subcutaneous and mammary tissue | NO | / | / |
| ENST00000657054.1 | 12:126449284-126449319 | LINC02347 | 36 | 63.8 | 97.2 | testis, brain, pancreas, intestine, breast, ovary, spleen, blood, glands | NO | / | / |

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|-------------------|------------------------|-----------|----|------|------|--|----|---|---|
| ENST00000661190.1 | 12:126449284-126449319 | LINC02347 | 36 | 63.8 | 97.2 | testis, brain, pancreas, intestine, breast, ovary, spleen, blood, glands | NO | / | / |
| ENST00000654221.1 | 12:126449284-126449319 | LINC02347 | 36 | 63.8 | 97.2 | testis, brain, pancreas, intestine, breast, ovary, spleen, blood, glands | NO | / | / |
