Additional files

| Primer | Sequence |
|-----------------|---------------------------|
| chr15* Forward | AGTTTCGTTCTATACTTCACCTTGG |
| chr15* Reverse | TCATCATTATTATTTTCCCATGACC |
| chr10** Forward | TATGCATGGGTGATGTGCTT |
| chr10** Reverse | CAGAGGGAACCCTACATTCG |
| MYC Forward | ATCCTTTTAAGAAGTTGGCATTTG |
| MYC Reverse | CACGTCCTAACACCTCTAGAGACC |
| TP53 Forward | CTGAGGAGTGTCCGAAGAGAAT |
| TP53 Reverse | ACTGCAAAGCTTCTGGAAGAAC |
| MME Forward | GGACTTAACCCTGTGTCTTTGG |
| MME Reverse | CCTGAAATACGGAGTTCTGGAC |

Table S1 - Primer sequences used in quantitative PCR

*chr15:51481794-51481853

**chr10:72681585-72681644

| 1 4010 | | • | | | | | | | | | | | | | |
|--------|-------------------|---------------|---|------|-------------|----------------|-----------|--|--|--|--|--|--|--|--|
| No | Case | ase Age Sex S | | Size | Macroscopic | Vienna | Resection | | | | | | | | |
| | No | | | (mm) | type* | classification | method | | | | | | | | |
| 1 | A1 | 81 | Μ | 2 | 0-IIb | 3 | ESD | | | | | | | | |
| 2 | A2 ⁽⁵⁾ | 78 | Μ | 4 | 0-1 | 3 | OP | | | | | | | | |
| 3 | A3 ⁽¹⁾ | 59 | F | 5 | 0-1 | 3 | ESD | | | | | | | | |
| 4 | A4 ⁽²⁾ | 66 | М | 5 | 0-IIa | 3 | OP | | | | | | | | |

 Table S2a
 - Clinicopathological features of groups A, B, and C

| No | Case | Age | Sex | Size | Macroscopic | Vienna | Resection |
|----|--------------------|-----|-----|------|-------------|----------------|-----------|
| | No | | | (mm) | type* | classification | method |
| 5 | A5 | 61 | Μ | 6 | 0-1 | 3 | ESD |
| 6 | A6 | 65 | F | 6 | 0-lla | 3 | ESD |
| 7 | A7 ⁽¹⁾ | 59 | F | 12 | 0-I | 3 | ESD |
| 8 | B1 | 41 | Μ | 3 | 0-IIb | 4 | ESD |
| 9 | B2 | 67 | М | 3 | 0-IIc | 4 | ESD |
| 10 | В3 | 67 | F | 4 | 0-IIb | 4 | ESD |
| 11 | B4 | 60 | Μ | 5 | 0-IIc | 4 | ESD |
| 12 | B5 ⁽³⁾ | 72 | F | 6 | 0-Ila | 4 | OP |
| 13 | B6 | 52 | F | 7 | 0-IIb | 4 | ESD |
| 14 | B7 | 61 | Μ | 8 | 0-IIc | 4 | ESD |
| 15 | B8 | 59 | Μ | 8 | 0-1 | 4 | OP |
| 16 | B9 | 77 | F | 9 | 0-1 | 4 | ESD |
| 17 | B10 | 61 | Μ | 10 | 0-IIb | 4 | ESD |
| 18 | B11 ⁽²⁾ | 66 | Μ | 20 | 0-lla | 4 | OP |
| 19 | B12 ⁽³⁾ | 72 | F | 30 | 0-IIc | 4 | OP |

*Histology type, macroscopic type, depth of invasion, pTNM staging is according to the Japanese gastric cancer classification [23]. OP: surgical resection; ESD: endoscopic submucosal dissection. Concurrent lesions are noted as superscript from (1) to (5) attached to case number.

| No | Sample | Age | Sex | Size | Histological | Depth of | рТ | рN | р | ly | v | Stage |
|----|---------------------|-----|-----|------|--------------|--------------|----|----|---|----|---|-------|
| | | | | (mm) | type* | invasion* | | | М | | | |
| | | | | | | | | | | | | |
| 1 | Cm1 | 73 | М | 15 | tub | М | 1a | 0 | 0 | | | 1A |
| 2 | Cm2 | 76 | М | 22 | pap>tub2 | М | 1a | 0 | 0 | | | 1A |
| 3 | Cm3 | 59 | М | 25 | pap>tub | М | 1a | 0 | 0 | | | 1A |
| 4 | Cm4 | 80 | F | 25 | tub2>por | >por M 1 | | 0 | 0 | | | 1A |
| 5 | Cm5 | 68 | М | 25 | tub | tub M 1a | | 0 | 0 | | | 1A |
| 6 | Cm6 | 81 | М | 30 | tub M 1a | | 1a | 0 | 0 | | | 1A |
| 7 | Cm7 | 65 | М | 35 | tub>pap | tub>pap M 1a | | 0 | 0 | | | 1A |
| 8 | Cm8 | 92 | F | 40 | pap>tub | М | 1a | 0 | 0 | | | 1A |
| 9 | Cd1m ⁽⁴⁾ | 82 | М | 15 | tub | MP | 2 | 1 | 0 | | | IIA |
| 10 | Cd2m | 64 | F | 15 | tub2>pap | SM1b | 1b | 1 | 0 | + | + | IB |
| 11 | Cd3m | 75 | F | 20 | tub2>por2 | SM1b | 1b | 1 | 0 | + | | IB |
| 12 | Cd4m | 70 | М | 30 | tub | MP | 2 | 0 | 0 | + | | IB |
| 13 | Cd5m | 88 | F | 35 | pap+tub | MP | 2 | 0 | 0 | | | IB |
| 14 | Cd6m ⁽⁴⁾ | 82 | М | 40 | tub2 | SS | 3 | 1 | 0 | + | + | IIB |
| 15 | Cd7m | 72 | М | 40 | tub2>pap | SS | 3 | 0 | 0 | + | + | IIA |
| 16 | Cd8m | 65 | М | 40 | tub2>por2 | SS | 3 | 3b | 0 | + | + | IIIB |
| 17 | Cd9m | 79 | М | 45 | tub>por1 | SE | 4a | 2 | 0 | + | + | IIIB |
| 18 | Cd10m | 83 | М | 57 | tub >pap | SM1b | 1b | 0 | 0 | | | IA |

Table S2b - (cont.)

| 19 | Cd11m | 85 | М | 60 | tub>pap | SS | 3 | 3a | 0 | + + | IIIB |
|----|----------------------|----|---|-----|--------------|----|----|----|---|-----|------|
| 20 | Cd12m ⁽⁵⁾ | 78 | М | 65 | tub2 | SS | 3 | 2 | 0 | + | IIIA |
| 21 | Cd13m | 80 | М | 80 | tub>por2+pap | SS | 3 | 3a | 0 | + | IIIB |
| 22 | Cd14m | 79 | F | 80 | tub2>por | SS | 3 | 3b | 0 | + + | IIIB |
| 23 | Cd15m | 71 | М | 95 | tub | SE | 4a | 3a | 0 | + + | IIIC |
| 24 | Cd16m | 86 | М | 100 | tub>pap | SS | 3 | 1 | 0 | + | IIB |
| | | | | | | | | | | | |

 Table S3
 - Mucin phenotypic expressions in groups A, B, and C

| No | Case No | MUC5AC | MUC6 | MUC2 | CD10 | Phenotype |
|----|-------------------|--------|------|------|------|-------------------|
| 1 | A1 | n | n | - | 3+ | I |
| 2 | A2 ⁽⁵⁾ | n | n | 1+ | 2+ | I |
| 3 | A3 ⁽¹⁾ | n | n | 1+ | 3+ | I |
| 4 | A4 ⁽²⁾ | n | n | 3+ | 2+ | I |
| 5 | A5 | n | - | - | 3+ | Ι |
| 6 | A6 | n | n | 1+ | 1+ | Ι |
| 7 | A7 ⁽¹⁾ | n | n | 3+ | 3+ | I |
| 8 | B1 | - | - | 1+ | 2+ | I |
| 9 | B2 | 1+ | - | - | 3+ | G <i< td=""></i<> |
| 10 | B3 | - | 1+ | 1+ | 1+ | G <i< td=""></i<> |
| 11 | B4 | 3+ | 2+ | - | n | G |
| 12 | B5 ⁽³⁾ | - | 1+ | 2+ | 3+ | G <i< td=""></i<> |
| 13 | B6 | 1+ | 1+ | - | 2+ | G=I |
| 14 | Β7 | n | - | 1+ | 3+ | I |
| 15 | B8 | - | 1+ | 1+ | 2+ | G <i< td=""></i<> |

| No | Case No | MUC5AC | MUC6 | MUC2 | CD10 | Phenotype |
|----|----------------------|--------|------|------|------|-------------------|
| 16 | B9 | - | - | 2+ | 2+ | I |
| 17 | B10 | 1+ | - | 1+ | - | G=I |
| 18 | B11 ⁽²⁾ | - | - | 1+ | 3+ | Ι |
| 19 | B12 ⁽³⁾ | - | 1+ | 1+ | 3+ | G <i< td=""></i<> |
| 20 | Cm1 | 2+ | 3+ | - | - | G |
| 21 | Cm2 | 1+ | 1+ | 1+ | - | G>I |
| 22 | Cm3 | 2+ | 2+ | 1+ | 2+ | G>I |
| 23 | Cm4 | 3+ | 1+ | - | - | G |
| 24 | Cm5 | - | - | 1+ | 3+ | I |
| 25 | Cm6 | - | - | 1+ | 2+ | I |
| 26 | Cm7 | 3+ | 2+ | - | - | G |
| 27 | Cm8 | 3+ | 1+ | - | - | G |
| 28 | Cd1m ⁽⁴⁾ | 1+ | 1+ | - | - | G |
| 29 | Cd2m | 2+ | 1+ | 1+ | - | G>I |
| 30 | Cd3m | - | - | 1+ | - | I |
| 31 | Cd4m | 1+ | - | n | - | G |
| 32 | Cd5m | - | - | n | 1+ | I |
| 33 | Cd6m ⁽⁴⁾ | - | - | - | - | Ν |
| 34 | Cd7m | - | n | n | 3+ | I |
| 35 | Cd8m | n | - | 1+ | n | I |
| 36 | Cd9m | - | 1+ | - | 3+ | G <i< td=""></i<> |
| 37 | Cd10m | - | - | - | - | Ν |
| 38 | Cd11m | - | - | 1+ | - | Ι |
| 39 | Cd12m ⁽⁵⁾ | - | - | 1+ | 3+ | I |

| No | Case No | MUC5AC | MUC6 | MUC2 | CD10 | Phenotype |
|----|---------|--------|------|------|------|-------------------|
| 40 | Cd13m | 1+ | 1+ | n | n | G |
| 41 | Cd14m | 3+ | 3+ | n | n | G |
| 42 | Cd15m | - | 1+ | 2+ | 1+ | G <i< td=""></i<> |
| 43 | Cd16m | 3+ | 2+ | n | - | G |

Table S4- Constitution of phenotypic expression in groups (A, B, and C) and
clusters (stable, intermediate, and unstable)

| | | Phenotypic expression | | | | |
|-------------------------------|------------------|-----------------------|----|------|---|--|
| | | G | GI | I | Ν | |
| Group | А | 0 | 0 | 7 | 0 | |
| | В | 1 | 7 | 4 | 0 | |
| | Cm | 4 | 2 | 2 | 0 | |
| | Cd | 5 | 3 | 6 | 2 | |
| Comparison | A vs B | 0.005* | | | | |
| (Cochran Armitage trend test) | A vs C | 0.030* | | | | |
| | Cm vs Cd | | 0 | .211 | | |
| | B vs Cm | | 0. | 149 | | |
| | B vs Cd | | 0. | 842 | | |
| | A/B vs C | | 0. | 147 | | |
| Cluster | Stable (S) | 1 | 4 | 6 | 0 | |
| | Intermediate (I) | 0 | 1 | 3 | 0 | |
| | Unstable (U) | 9 | 7 | 10 | 2 | |

| Comparison | S vs I | 0.375 |
|-------------------------------|--------|-------|
| (Cochran Armitage trend test) | l vs U | 0.233 |
| | S vs U | 0.298 |

*Significant differences are considered as bilateral p value ≤ 0.05

Table S5- List of 51 genes extracted by t test with Bonferroni correction from5 different comparisons

| No | Gene | Gene name | HUGO gene | Location | Identified | Comparison | | <i>t</i> test |
|----|-----------|--|------------------|----------------------|------------|---------------|-------------|-----------------------|
| | symbol | | nonmenclature ID | | probe | | p value | p value after |
| | | | | | | | , | Bonferroni correction |
| 1 | FHL3 | four and a half LIM domains 3 | HGNC:3704 | 1p34.3 | 1 | 11 S vs 32 IU | 9.82838E-07 | 0.014499814 |
| | | | | | | 11 S vs 28U | 2.45323E-06 | 0.036192457 |
| 2 | DSTYK | dual serine/threonine and tyrosine | HGNC:29043 | 1q32 | 1 | 11 S vs 32 IU | 1.35217E-06 | 0.019948632 |
| | | protein kinase | | | | | | |
| 3 | SLC32A1 | solute carrier family 32 (GABA vesicular | HGNC:11018 | 20q11 | 1 | 11 S vs 32 IU | 4.47098E-08 | 0.000659604 |
| | | transporter), member 1 | | | | 11 S vs 28 U | 2.06923E-07 | 0.003052734 |
| 4 | DIO2 | deiodinase, iodothyronine, type II | HGNC:2884 | 14q24.2- | 4 | 11 S vs 32 IU | 2.05526E-07 | 0.003032126 |
| | | | | q24.3 | | 11 S vs 28 U | 8.07541E-08 | 0.001191365 |
| 5 | SHROOM | shroom family member 1 | HGNC:24084 | 5q31.1 | 1 | 11 S vs 32 IU | 1.09434E-08 | 0.000161448 |
| | | | | | | 11 S vs 28 U | 1.0981E-07 | 0.001620029 |
| 6 | COL11A2 | collagen, type XI, alpha 2 | HGNC:2187 | 6p21.3 | 3 | 11 S vs 32 IU | 6.27525E-07 | 0.009257877 |
| 7 | RAB11A | RAB11A, member RAS oncogene family | HGNC:9760 | 15q22.31 | 1 | 11 S vs 32 U | 1.16426E-06 | 0.017176308 |
| | | | | | | 15 SI vs 28 U | 2.70238E-06 | 0.039868251 |
| | | | | | | 11 S vs 28 U | 1.10129E-06 | 0.01624736 |
| 8 | CAPNS1 | calpain, small subunit 1 | HGNC:1481 | 19q13.1 | 1 | 15 SI vs 28 U | 1.42563E-06 | 0.021032346 |
| 9 | F12 | coagulation factor XII (Hageman factor) | HGNC:3530 | 5q35.3 | 1 | 15 SI vs 28 U | 3.263E-07 | 0.0048139 |
| | | | | | | 11 S vs 28 U | 1.0769E-06 | 0.015887463 |
| 10 | TKTL2 | transketolase-like 2 | HGNC:25313 | 4q32.2 | 1 | 11 S vs 32 IU | 2.31316E-06 | 0.03412603 |
| 11 | SOX3 | SRY (sex determining region Y)-box 3 | HGNC:11199 | Xq27.1 | 2 | 15 SI vs 28 U | 2.69489E-07 | 0.003975777 |
| | | | | | | 11 S vs 28 U | 6.50137E-07 | 0.009591465 |
| 12 | CCDC94 | coiled-coil domain containing 94 | HGNC:25518 | 19p13.3 | 2 | 11 S vs 32 IU | 8.54309E-07 | 0.012603618 |
| | | | | | | 11 S vs 28 U | 1.06791E-06 | 0.015754844 |
| 13 | IRF2BP1 | interferon regulatory factor 2 binding protein 1 | HGNC:21728 | 19q13.32 | 2 | 11 S vs 32 IU | 2.93674E-06 | 0.043325674 |
| 14 | HIST1H2A | histone cluster 1, H2ai | HGNC:4725 | 6p22.1 | 1 | 11 S vs 32 IU | 3.50554E-07 | 0.005171728 |
| | | | | | | 11 S vs 28 U | 2.66901E-07 | 0.003937586 |
| 15 | KIAA 1143 | KIAA1143 | HGNC:29198 | 3p21.31 | 2 | 11 S vs 32 IU | 3.21833E-06 | 0.047480032 |
| | | | | | | 15 SI vs 28 U | 8.24555E-08 | 0.001216466 |
| | | | | | | 11 S vs 28 U | 1.26514E-07 | 0.001866466 |
| 16 | РСВР3 | poly(rC) binding protein 3 | HGNC:8651 | 21q22.3 | 2 | 11 S vs 32 IU | 1.90924E-08 | 0.00028167 |
| | | | | | | 11 S vs 28 U | 7.81468E-09 | 0.00011529 |
| 17 | THBS2 | thrombospondin 2 | HGNC:11786 | 6q27 | 1 | 11 S vs 32 IU | 2.46703E-07 | 0.003639611 |
| | | | | | | 11 S vs 28 U | 6.93897E-07 | 0.010237066 |
| 18 | MLC1 | megalencephalic leukoencephalopathy | HGNC:17082 | 22q13.33 | 1 | 11 S vs 28 U | 3.25292E-06 | 0.047990312 |
| | | with subcortical cysts 1 | | | | | | 0.01017010 |
| 19 | PPP2R3B | protein phosphatase 2, regulatory subunit B", beta | HGNC:13417 | Xp22.3 and Yp11.3 | 1 3 | 11 S vs 28 U | 3.33289E-06 | 0.04917013 |
| 20 | IRS1 | insulin receptor substrate 1 | HGNC:6125 | 2q36 | 2 | 11 S vs 32 IU | 3.09264E-06 | 0.045625778 |
| | | | | | | 15 SI vs 28 U | 3.17104E-07 | 0.004678235 |
| | | | | | | 11 S vs 28 U | 9.09683E-07 | 0.01342055 |
| 21 | RXRB | retinoid X receptor, beta | HGNC:10478 | 6p21.3 | 1 | 11 S vs 32 IU | 5.02328E-09 | 7.41085E-05 |
| | | | | | | 15 SI vs 28 U | 1.60973E-06 | 0.023748377 |
| | | | | | | 11 S vs 28 U | 2.57181E-09 | 3.79418E-05 |
| 22 | PTPN18 | protein tyrosine phosphatase, non- receptor type 18 (brain-derived) | HGNC:9649 | 2q21 | 2 | 11 S vs 4 I | 1.09025E-08 | 0.000160844 |
| 23 | BBS5 | Bardet-Biedl syndrome 5 | HGNC:970 | 2q31 | 2 | 4 I vs 28 U | 2.46458E-07 | 0.00363599 |
| 24 | SAMD9 | sterile alpha motif domain containing 9 | HGNC:1348 | 7q21.2 | 1 | 11 S vs 4 I | 1.5483E-06 | 0.022842109 |

| No | Gene | Gene name | HUGO gene | Location | Identified | Comparison | <i>t</i> test | |
|----|---------|---|------------------|------------------------|------------|---------------|---------------|----------------------------|
| | symbol | | nonmenclature ID | | probe | | p value | p value after |
| | | | | | | | , | , Bonferroni correction |
| 25 | UEVLD | UEV and lactate/malate dehyrogenase | HGNC:30866 | 11p15.1 | 4 | 4 I vs 28 U | 1.05191E-07 | 0.001551882 |
| | | domains | | | | | | |
| 26 | KCNE1 | potassium channel, voltage-gated, , | HGNC:6240 | 21q22.1- | 2 | 4 I vs 28 U | 1.31155E-06 | 0.019349264 |
| | | Isk-related subfamily, member 1 | | q22.2 | | | | |
| 27 | HMGN1 | high mobility group nucleosome binding domain 1 | HGNC:4984 | 21q22.3 | 1 | 4 I vs 28 U | 2.92559E-08 | 0.000431613 |
| 28 | TMEM30A | transmembrane protein 30A | HGNC:16667 | 6q14.1 | 2 | 4 I vs 28 U | 3.44255E-08 | 0.000507879 |
| 29 | VPS8 | vacuolar protein sorting 8 homolog (S. cerevisiae) | HGNC:29122 | 3q27.2 | 5 | 11 S vs 4 I | 1.78442E-06 | 0.026325478 |
| 30 | SAAL1 | serum amyloid A-like 1 | HGNC:25158 | 11p15.1 | 1 | 11 S vs 4 I | 3.33267E-07 | 0.00491669 |
| 31 | EEF1A1 | eukaryotic translation elongation factor | HGNC:3189 | 6q14.1 | 1 | 11 S vs 4 I | 8.37703E-07 | 0.012358636 |
| | | 1 alpha 1 | | | | | | |
| 32 | SEMA5B | sema domain, seven thrombospondin | HGNC:10737 | 3q21.1 | 2 | 11 S vs 32 IU | 4.43282E-07 | 0.006539733 |
| | | repeats (type 1 and type 1-like), | | | | 11 S vs 28 U | 2.28392E-06 | 0.033694689 |
| | | transmembrane domain (TM) and short | | | | | | |
| | | cytoplasmic domain, (semaphorin) 5B | | | | | | |
| 33 | TGS1 | trimethylguanosine synthase 1 | HGNC:17843 | 8q11 | 2 | 11 S vs 32 IU | 1.71005E-06 | 0.025228379 |
| 34 | MTFR1 | mitochondrial fission regulator 1 | HGNC:29510 | 8q13.1 | 3 | 11 S vs 32 IU | 6.32177E-07 | 0.009326501 |
| | | | | | | 11 S vs 28 U | 8.79864E-07 | 0.012980631 |
| 35 | VPS13B | vacuolar protein sorting 13 homolog B | HGNC:2183 | 8q22-q23 | 18 | 11 S vs 32 IU | 1.29566E-07 | 0.001911493 |
| | | (yeast) | | | | 15 SI vs 28 U | 6.516E-09 | 9.61305E-05 |
| | | | | | | 11 S vs 28 U | 1.67141E-08 | 0.000246583 |
| 36 | NCOA2 | nuclear receptor coactivator 2 | HGNC:7669 | 8q13.3 | 7 | 15 SI vs 28 U | 2.82575E-06 | 0.041688263 |
| 37 | WWP1 | WW domain containing E3 ubiquitin protein ligase 1 | HGNC:17004 | 8q21.3 | 2 | 15 SI vs 28 U | 5.84908E-07 | 0.008629148 |
| 38 | NIPAL2 | NIPA-like domain containing 2 | HGNC:25854 | 8q22.2 | 5 | 15 SI vs 28 U | 9.51024E-07 | 0.014030464 |
| 39 | GRHL2 | grainyhead-like 2 (Drosophila) | HGNC:2799 | 8q22.3 | 5 | 15 SI vs 28 U | 2.44677E-06 | 0.03609713 |
| | | | | | | 11 S vs 28 U | 3.28526E-06 | 0.048467374 |
| 40 | BAI1 | brain-specific angiogenesis inhibitor 1 | HGNC:943 | 8q24.3 | 3 | 4 I vs 28 U | 9.65658E-07 | 0.014246358 |
| 41 | RPL21 | ribosomal protein L21 | HGNC:10313 | 13q12.2 | 2 | 4 I vs 28 U | 7.8571E-07 | 0.011591579 |
| 42 | LDHA | lactate dehydrogenase A | HGNC:6535 | 11p15.1 | 1 | 4 I vs 28 U | 2.1244E-09 | 3.13413E-05 |
| 43 | CA1 | carbonic anhydrase I | HGNC:1368 | 8q21.2 | 2 | 4 I vs 28 U | 5.18977E-07 | 0.007656464 |
| 44 | F13A1 | coagulation factor XIII, A1 polypeptide | HGNC:3531 | 6p24.2-p2 | 3 3 | 15 SI vs 28 U | 3.00863E-06 | 0.044386261 |
| 45 | JPH1 | junctophilin 1 | HGNC:14201 | 8q21 | 4 | 11 S vs 28 U | 1.02881E-06 | 0.015178074 |
| 46 | UBE2W | ubiquitin-conjugating enzyme E2W (putative) | HGNC:25616 | 8q21.11 | 2 | 4 I vs 28 U | 6.83879E-09 | 0.000100893 |
| 47 | SLC27A3 | solute carrier family 27 (fatty acid transporter), member 3 | HGNC:10997 | 1q21.1 | 1 | 4 I vs 28 U | 2.67077E-06 | 0.039401925 |
| 48 | GDF5 | growth differentiation factor 5 | HGNC:4220 | 20q11.2 | 1 | 4 I vs 28 U | 3.75915E-07 | 0.005545881 |
| 49 | CDC40 | - cell division cycle 40 | HGNC:17350 | 6q22.1 | 1 | 4 I vs 28 U | 2.40453E-07 | 0.003547409 |
| 50 | CNN1 | calponin 1, basic, smooth muscle | HGNC:2155 | , 19p13.2- p13.1 | 1 | 11 S vs 4 I | 2.69634E-06 | 0.039779062 |
| 51 | PTGER1 | prostaglandin E receptor 1 (subtype EP1) 42kDa | HGNC:9593 | 19p13.1 | 1 | 11 S vs 4 I | 2.29431E-06 | 0.03384792 |

In the column of "Comparison", 11 S, 28 U, 4 I, 15 SI, and 32 IU indicate 11 samples of the stable cluster, 28 samples of the unstable cluster, 4 samples of the intermediate cluster, 15 samples of combined stable and intermediate clusters, and 32 samples of combined intermediate and unstable clusters, respectively.