Phenotypic Class WT (25 total)

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                  *        20         *        40         *        60         *        80         *       100         *       120         *       140         *       160         *       180
WT-1     : LGEHEAVLLDKMTTAADFVEGLTNHPDRLLGLTGSQGAAICFGEKLILVGETPDEKAVQYLLQWLENREVQDVFFTSSLSQIYPDAVNFKSVASGLLAIPIARHNFLLWFRPEVLQTVNWGGDPNHAYEATQEDGKIELHPRQSFDLWKEIVRLQSLPWQSVEIQSALALKKAIVNLILRQAEE : 184
WT-2     : LAEHGAVLLDKMTTAADFVEGLTNHPDRLLGLTGSQGAAICFGEKLILVGETPDEKAVQYLLQWLENREVQDVFFTSSLSQIYPDAVNFKSVASGLLAIPVARHNFLLWFRPEVLQTVNWGGDPNHAYEATQEDGKIGLHPRQSFDLWKEIVRLQSLPWQSVEIQSALALKKAIVNLISRQAEE : 184
WT-3     : LAEHEAALLDKMPTAADFVEGLTNHPDRLLGLTGSQGAAICFGEKLGLVGETPDEKAVQYLLQWLENRDVQDVFLTSSLSQIYPDAVNFKSVASGLLAIPIARLNFLLGFRPGVLQTVSRGGDPNHAYVATQEDGKIELHPRQSFDLWKEIVRLQSLPWQSVGIRSALALKKAIVNLILRQAEE : 184
WT-4     : LAEHEAVLLVKMTTAADFVEGLTNHPDRLLGLTGSQGAAICFGEKLILVGETPDEKAVQYLLQWLENREVQDGFFTSSLSQIYPDAVNFKSVASGLLAIPVARHNFLLWFRPEVLQTVNWGGDPNHAYEATQEDGKIELHPRQSFDLWKEIVRLQSLPWQSVEIQSALALKKAIVNLILRQAEE : 184
WT-5     : LAEHEAVLLDRMTTAADFVEGLTNHPDRLLGLTGSQGAAICFGEKLILVGETPDEKAVQYLLQWLENREVQDVFFTSSLSQIYPDAVNFKSVASGLLAIPIARHNLLLWFRPEVLQTVNWGGDPNHAYEATQEDGKVEPHPRQSFDLWKEIVRLQSLPWQSVEIQSALDLKKAIVNLILRQAEE : 184
WT-6     : LAEHEAVLLDKMTTAADFVEGLTKHPDRLLGLTGSQGAAICFGEKLILVGETPDEKAVQYLLQWLENREVQDVFFTSSLSQIYPDAVILKSVASGLLAIPIARRNFLLWFRPEVLQTVNWGGDPNHAYEATQEDGKIELHPRQSFDLWKEIVRLQSLPWQSVEIQSALALKKAIVNLILRQAEE : 184
WT-7     : LAEHEAVLLDKMTTAADFVEGLTNHPVRLLGLTGSQGAAICFGEKLILVGETPDEKAVQYLLQWLENREVQDVFFTSSLSQIYPDAVNFKSVASGLLAIPIARHNFLLWFRPEVLQTVNWGGDPNHAYEATQEDGKIELHPRQSFDLWKEIVRLQSLPWQSVEIQSALALKKAIVNLILRQAEE : 184
WT-8     : LAEHEAVLLDKMTTAADFVEGLTNHPDRLLGLTGSQGAATCFGEKLILVGETPDEKAVQYLLQWLENREVQDVFFTTSLSRIYPDAVNFKSVASGLLAIPIARHNFLLWFRPEVLQTVNWGGDPNHAYEATQEDGKIELHPRQSFDLWKEIVRLQSLPWQSVEIQSALALKKAIVNLILRQAEE : 184
WT-9a    : LAEHEAVLLDKMTTAADFVEGLTNHPDRLLGLTGSQGAAIRFGEKLILVGETPDEKAVQYLLQWLENREVQDVFFTSSLSQIYPDAVNFKSVASGLLAIPIARHNFLLWFRPEVLQTVNWGGDPNHAYEATQEDGKIELHPRQSFDLWKEIVRLQSLPWQSVEIQSALALKKAIVNLILRQAEE : 184
WT-10    : LAEHEAVLLDKMTTAADFVEGLTNHPDRLLGLTGSQGAAICYGEKLILVGETPDEKAVQYLLQWLENREVQDVFFTSSLSQIYPDAVNFKSVASGLLAIPIARHNFLLWFRPEVLQTVNWGGDPNHAYEATQEDGKIELHPRQSFDLWKEIVRLQSLPWQSVEIQSALALKKAIVNLILRQAEE : 184
WT-11a   : LAEHEAVLLDKMTTAADFVEGLTNHPDRLLGLTGSQGAAICFGEKLILVGETPDVKAVQYLLQWLENREVQDVFFTSSLSQIYPDAVNFKSVASGLLAIPIARHNFLLWFRPEVLQTVNWGGDPNHAYEATQEDGKIELHPRQSFDLWKEIVRLQSLPWQSVEIQSALALKKAIVNLILRQAEE : 184
WT-12    : LAEHEAVLLDKMTTAADFVEGLTNHPDRLLGLTGSQGAAICFGEKLILVGETPDEKALQYLLQWLENREVQDVFFTSSLPQIYPDAVNFKSVASGLLAIPIARHNFLLWFRPEVLQTVNWGGDPNHAYEATQEDGKIELHPRQSFDLWKEIVRLQSLPWQSVEIQSALALKKAIVNLILRQAEE : 184
WT-13a   : LAEHEAVLLDKMTTAADFVEGLTNHPDRLLGLTGSQGAAICFGEKLILVGETPDEKAVQYLLQWWENREVQDVFFTSSLSQIYPDAVNFKSVASGLLAIPIARHNFLLWFRPEVLQTVNWGGDPNHAYEATQEDGKIELHPRQSFDLWKEIVRLQSLPWQSVEIQSALALKKAIVNLILRQAEE : 184
WT-14    : LAEHEAVLLDKMTTAADFVEGLTNHPDRLLGLTGSQGAAICFGEKLILVGETPDEKAVQYLLQWLESREVQDVFFTSSLSQIYPDAVNFKSVASGLLAIPVARHNFLLWCRPEVLQTVNWGGDPNHAYEATQEDGKIELHPRQSFDLWKEIVRLQSLPWQSVEIQSALALKKAIVNLILRQAEE : 184
WT-15    : LAEHEAVLLDKMTTAADFVEGLTNHPDRLLGLTGSQGAAICFGEKLILVGETPDEKAVQYLLQWLEIREVQDVFFTSSLSQIYPDAVNFKSVASGLLAIPIARHNFLLWFRPEVLQTVNWGGDPNHAYEATQEDGKIELHPRQSFDLWKEIVRLQSLPWQSVEIQSALALKKAIVNLILRQAEE : 184
WT-16    : LAEHEAVLLDKMTTAADFVEGLTNHPDRLLGLTGSQGAAICFGEKLILVGETPDEKAVQYLLQWLENRVVQDVFFTSSLPQIYPDAVNFKSVASGLLAIPIARHNFLLWFRPEVLQTVNWGGDPNHAYEATQEDGKIELHPRQSFDLWKEIVRLQSLPWQSVEIQSALALKKAIVNLILRQAEE : 184
WT-17    : LAEHEAVLLDKMTTAADFVEGLTNHPDRLLGLTGSQGAAICFGEKLILVGETPDEKAVQYLLQWLENREVHDVFFTSSLSQIYPDAVNFKSVASGLLAIPIARHNFLLWFRPEVLQTVNWGGDPNHAYEATQEDGKIELHPRQSFDLWKEIVRLQSLPWQSVEIQSALALKKAIVNLILRQAEE : 184
WT-18    : LAEHEAVLLDKMTTAADFVEGLTNHPDRLLGLTGSQGAAICFGEKLILVGETPDEKAVQYLLQWLENREVQDVFYTSSLSQIYPDAVNFKSVASGLLAIPIARHNFLLWFRPEVLQTVNWGGDPNHAYEATQEDGKIELHPRQSFDLWKEIVRLQSSPWQSVEIQSALALKKAIVDLILRQAEE : 184
WT-19    : LAEHEAVLLDKMTTAADFVEGLTNHPDRLLGLTGSQGAAICFGEKLILVGETPDEKAVQYLLQWLENREVQDVFTSSLSQIYPDAVNVKSVASGLLAIPIARHNFLLWFRPEVLQTVNWGGDPNHAYEATQEDGKIELHPRQSFDLWKEIVRLQSLPWQSVEIQSALALKKAIVNLILRQAEE : 184
WT-20    : LAEHEAVLLDKMTTAADFVEGLTNHPDRLLGLTGSQGAAICFGEKLILVGETPDEKAVQYLLQWLENREVQDVFFTSSLSQIYPDAVNFKSVASGLLAIPIARHDFLLWFRPEVLQTVNWGGDPNHAYEATQEDGKIELHPRQSFDLWKEIVRLQSLPWQSVEIQSALALKKAIVNLILRQAEE : 184
WT-21    : LAEHEAVLLDKMTTAADFVEGLTNHPDRLLGLTGSQGAAICFGEKLILVGETPDEKAVQYLLQWLENREVQDVFFTSSLSQIYPDAVNFKSVASGLLAIPIARHNFLLWFRPEVLQTVNWGGDPNHAGEATQEDGKIELHPRQSFDLWKEIVRLQSLPWQSVEIQSALALKKAIVNLILRQAEE : 184
WT-22a   : LAEHEAVLLDKMTTAADFVEGLTNHPDRLLGLTGSQGAAICFGEKLILVGETPDEKAVQYLLQWLENREVQDVFFTSSLSQIYPDAVNFKSVASGLLAIPIARHNFLLWFRPEVLQTVNWGGDPNHAYEAGQEDGKIELHPRQSFDLWKEIVRLQSLPWQSVEIQSALALKKAIVNLILRQAEE : 184
WT-23    : LAEHEAVLLDKMTTAADFVEGLTNHPDRLLGLTGSQGAAICFGEKLILVGETPDEKAVQYLLQWLENREVQDVFFTSSLSQIYPDAVNFKSVASGLLAIPIARHNFLLWFRPEVLQTVNWGGDPNHAYEATQEDGKIELHPRQSFDLWEEIVRLQSLPWQSVEIQSALALKKAIVNPILRQAEE : 184
WT-24    : LAEHEAVLLDKMTTAADFVEGLTNHPDRLLGLTGSQGAAICFGEKLILVGETPDEKAVQYLLQWLENREVQDVFFTSSLSQIYPDAVNFKSVASGLLAIPIARHNFLLWFRPEVLQTVNWGGDPNHAYEATQEDGKIELHPRQSFDLWKEIVRLQSLPWQSVEIQSALALKKAIVNLTLRQAEE : 184
NS-6     : LAEHEAVLLDKMTTAADFVEGLTNHPDRLLGLTGSQGAAICFGEKLILVGETPDEKAVQYLLQWLENREVQDVFFTSSLSQIYPDAVNFKSVASGLLAIPIARHNFLLWFRPEVLQTVNWGGDPNHAYEATQEDGKIELRPRQSFDLWKEIVRLQSLPWQSVEIQSALALKKAIVNLIFAPGRR : 184
WTConsen : LAEHEAVLLDKMTTAADFVEGLTNHPDRLLGLTGSQGAAICFGEKLILVGETPDEKAVQYLLQWLENREVQDVFFTSSLSQIYPDAVNFKSVASGLLAIPIARHNFLLWFRPEVLQTVNWGGDPNHAYEATQEDGKIELHPRQSFDLWKEIVRLQSLPWQSVEIQSALALKKAIVNLILRQAEE : 184
          A  E V  DK T          N  D           ICF E  I       E  V      L N E Q V F S  SQ      NF           I  HNF  WF  E     NW       YE T     IELH        K        L     E Q   A      DLILRQAEE
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Phenotypic Class MI (17 total)

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                  *        20         *        40         *        60         *        80         *       100         *       120         *       140         *       160         *       180
MI-1a    : LAEHEAVLLDEMTTAADFVEGLTNHPDRLLGLTGSQGAAICFGEKLILVGETPDEKAVQYLLQWLENREVQDVFFTSSLSQIYPDAVNFKSVASGLLAIPIARHNFLLWFRPEVLQTVNWGGDPDHAYEATQEDGRIELHPRQSFDLWKEIVRLQSLPWQSVEIQSALALKKAIVNLILRQAEE : 184
MI-2     : LAEHEAVLLDKVTTAADFVEGLTNHPDRLLGLTGSQGAAICFGEKLILVGETPDEKAVQYLLQWLENREVRDVFFTSTLSLIYPDAVNFKSVASGLLAIPIARHNFLLWFRPVVLQTVNWGGDPNHAYEATQEDGKIELHPRQSFDLWKEIVRLQSLPWQSVEIQSALALKKAIVNLILRQAEE : 184
MI-3     : LAEHEAVLLDKMSTAADFVEGLTNHPDRLLGLTGSQGAAICFGEKLILVGETPDQKAVQYLLQWLENREVQDVFFTSSLSQIYPDAVNFKSVASGLLAIPIARHDFLLWFRPEVLQTVNWGGDPNHAYEATQEDGKIELHPRQSFDLWKEIVRLQSLPWQSVEIQSALALKKAIVNLILRQAEE : 184
MI-4     : LAEHEAVLLDKMTSAADFVEGLTNHPDRLLGLTGSQGAAICFGEKLILVGETPDEKAVQYLLQWLENREVQDVFFTSSLSQIYPDAVNFKSVASGLLAIPIARHNFLLWFRPEVLQTVNWGGDPNHAHEATQEDGKIELHPRQSFDLWKEIVRLQSLPWQSVEIQFRQAEE : 184
MI-5     : LAEHEAVLLDKMTTAADLVEGLTNHPDRLLGLTGSQGAAIRFGEKLILVGETPDEKAVQYLLQWLENREVQDVFFTSSLSQIYPDAVNFKSVASGLLAIPIARHNFLLWFRPEVLQTVNWGGDPNHAYEATQEDGKIELHPRQSFDLWKEIVRLQSLPWQSVVIQSALALKKAIVNLILRQAEE : 184
MI-6     : LAEHEAVLLDKMTTAADFDEGLTNHPDRLLGLTGSQGAAICFGEKLILVGGTPDEKAVQRLLQWLENREVQDVFFTSSLSQIYPDAVNFKSVASGLLAIPIARHNFLLWFRPEVLQTVNWGGDPNHAYEATQEDGKIELHPRQSFDLWKEIVRLQPLPWQSVEIQSAPALKKAIVNLILRQAEE : 184
MI-7     : LAEHEAVLLDKMTTAADFVGGLTNHPDRLLGLTGSQGAAICFGEKLILVGETPDEKAVQYLLQWLENREVQDVFFTSSLSQIYPDAVNFKSVASGLLAIPIARHNFLLWFRPEVLQTVNWGGDPNHAYEATQEDGKIELHPRQSFDLWKEIVRLQSLPWQSVEIQSALALKKAIVNLILRQAEE : 184
MI-8     : LAEHEAVLLDKMTTAADFVEGLTNYPDRLLGLTGSQGAAICFGEKLILVGETPDEKAVQYLLQWLENREVQDVFFTSSLSQIYPDAVNFKSVASGLLAIPIARHNLLLWFRPEVLQTVNWGGDPNHAYEATQEDGKIELHPRQSVDLWKEIVRLQSLPWQSVEIQSAQALKKAIVNLVLRQAEE : 184
MI-9     : LAEHEAVLLDKMTTAADFVEGLTNHPDRLLGLTGSQGAAICFGEKLILVGETPDEKAVQYLLQWLENREVQDVFFTSPLSQIYPDAVNFKSVASGLLAIPIARHNFLLWFRPEVLQTVNWGGDPNHAYEATQEDGKIELHPRQSFDLWKEIVRLQSLPWQSVEIQSALALKKAIVNLIFRQAEE : 184
MI-10    : LAEHEAVLLDKMTTAADFVEGLTNHPDRLLGLTGSQGAAICFGEKLILVGETPDEKAVQYLLQWLENREVQDVFFTSSLSQIYPDAVYFRSVASGLLAIPIARHNFLLWFRPEVLQTVNRGGDPNHAYEATQEDGKIELHPRQSFDPWKEIVRLQSLPWQSVEIQSALALKKAIVNLILRQAEE : 184
MI-11    : LAEHEAVLLDKMTTAADFVEGLTNHPDRLLGLTGSQGAAICFGEKLILVGETPDEKAVQYLLQWLENREVQDVFFTSSLSQIYPDAVNFKSVASGLLAIPIARHNFLLWFRPEVLQTVNWGGDPNHAYEATQEDGKIGLHPRQSFDLWKEIVRLQSLPRQSVEIQSALALKKAIVNLILRQAEE : 184
MI-12    : LAEHEAVLLDKMTTAADFVEGLTNHPDRLLGLTGSQGAAICFGEKLILVGETPDEKAVQYLLQWLENREVQDVFFTSSLSQIYPDAVNFKSVASGLLAIPIARHNFLLWFRPEVLQTVNWGGDPNHAYEATQEDGKIELHPRRSFDLWKEIVRLQSLPWQSVEIQSALALKKAIVNLILRQAEE : 184
MI-8a    : LAEHEAVLLDKMTTAADFVEGLTNHPDRLLGLTGSQGAAICFGEKLILVGETPDEKAVQYLLQWLENREVQDVFFTSSLSQIYPDAVNFKSVASGLLAIPIARHNFLLWFRPEVLQTVNWGGDPNHAYEATQEDGKIELHPRQSQDLWKEIVRLQSLPWQSVEIQSALALKKAIVNLILRQAEE : 184
NS-2     : LAEHEAVLLDKMTTAADFVEGLTKHPDRLLGLTGSQGAAICFGEKLILVGETPDEKAVQYLLQWLENREVQDVFFTSSLSQI-----------------------
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