

HMDS: Genomics Analysis

Technology: MLPA

Detection of whole exon deletions/duplications

| Tests Myeloma (P425) Panel | | |
|-------------------------------|------------------------|--|
| 1p12 (FAM46C) | 5q31.3 (PCDHB2) | |
| 1p21.1 (COL11A1) | 5q31.3 (PCDHGA11) | |
| 1p21.3 (DPYD) | 5q31.3 (SLC25A2) | |
| 1p31.3 (LEPR-5) | 9p24.1 (JAK2) | |
| 1p31.3 (RPE65) | 9q34.3 (COL5A1) | |
| 1p32.1 (DAB1) | 12p13.32 (CCND2) | |
| 1p32.2 (PPAP2B) | 12q14.1 (CDK4) | |
| 1p32.3 (CDKN2C) | 12q15 (IFNG) | |
| 1p32.3 (FAF1) | 13q14.2 (DLEU2-intr 1) | |
| 1q21.3 (CKS1B1) | 13q14.2 (RB1) | |
| 1q23.3 (NUF2) | 13q22.1 (DIS3) | |
| 1q23.3 (PBX1) | 14q32.32 (TRAF3) | |
| 1q23.3 (RP11-480N10) | 15q12 (GABRB3) | |
| 1q23.3 (RP11-541J2) | 15q26.3 (IGF1R) | |
| 5q31.3 (PCDHA1) | 16q12.1 (CYLD) | |
| 5q31.3 (PCDHAC1) | 16q23.1 (WWOX) | |
| 5q31.3 (PCDHB10) | 17p13.1 (TP53) | |



**Tests
CD5+ diagnostic (P037) Panel**

| | | |
|--------------------|------------------------|--|
| 2p16.1 (REL) | 12p13.32 (CCND2) | |
| 2p23.2 (ALK) | 12q14.1 (CDK4) | |
| 2p24.3 (MYCN) | 12q15 (IFNG) | |
| 6q21 (AIM1) | 12q24.33 (CHFR) | |
| 6q21 (SEC63) | 13q14.2 (RB1) | |
| 6q23.3 (TNFAIP3) | 13q14.3 (ATP7B) | |
| 6q25.1 (LATS1) | 13q14.3 (DLEU7) | |
| 6q25.3 (IGF2R) | 13q14.2 (DLEU2-intr 1) | |
| 6q26 (PARK2) | 13q14.2 (FNDC3A) | |
| 8p21.3 (TNFRSF10A) | 13q14.2 (KCNRG) | |
| 8p21.3 (TNFRSF10B) | 13q14.2 (MIR15A) | |
| 8q24.11 (EIF3H) | 17p13.1 (TP53) | |
| 8q24.21 (MYC) | | |
| 9p21.3 (CDKN2A) | | |
| 9p21.3 (CDKN2B) | | |
| 11q22.3 (ATM) | | |
| 12p12.1 (LRMP) | | |

**Tests
Pre-treatment CLL (P038) Panel**

| | | |
|------------------------|---------------------|--|
| 10q23.31 (PTEN) | 14q32.33 (KIAA0125) | |
| 11q22.3 (ATM) | 14q32.33 (MTA1) | |
| 11q22.3 (RDX) | 17p13.1 (TP53) | |
| 11q23.1 (PPP2R1B) | 19p13.2 (CDKN2D) | |
| 11q23.3 (CADM1) | 19p13.2 (LDLR) | |
| 12p13.3 (STAT6) | 19q12 (CCNE1) | |
| 12p13.31 (CD27) | 19q13.2 (AKT2) | |
| 12q14.3 (HMGA2) | 19q13.42 (MIR498) | |
| 12q23.2 (IGF1) | | |
| 12q23.2 (PAH) | | |
| 13q14.2 (DLEU1) | | |
| 13q14.2 (DLEU1) | | |
| 13q14.2 (DLEU2-intr 1) | | |
| 13q14.2 (KCNRG) | | |
| 13q14.2 (RB1) | | |
| 13q14.3 (ATP7B) | | |
| 14q32.33 (AKT1) | | |

