| Suppl. Figure 10 | 99 AP1S1 NM 001283.5 Homo sapiens adaptor related protein complex 1 subunit sigma 1 (AP1S1) mRNA   |                    |
|------------------|--|--------------------|
|                  | 70 <b>4</b> ap1s1 XM 030337599.1 PREDICTED: Gadus morhua adaptor related protein complex 1 subunit sigma 1 (ap1s1) mRNA  |                    |
|                  | 99 AP1S2 NM 003916.5 Homo sapiens adaptor related protein complex 1 subunit sigma 2 (AP1S2) transcript variant 2 mRNA  |                    |
|                  | ap1s2 XM 030377036.1 PREDICTED: Gadus morhua AP-1 complex subunit sigma-2 (LOC115558683) mRNA  |                    |
|                  | ap1s2 XM 030372162.1 PREDICTED: Gadus morhua AP-1 complex subunit sigma-2-like (LOC115555350) transcript variant X1 mRNA   |                    |
|                  | 98 AP1S3 NM 001039569.2 Homo sapiens adaptor related protein complex 1 subunit sigma 3 (AP1S3) transcript variant 1 mRNA   |                    |
|                  | ap1s3 XM 030364442.1 PREDICTED: Gadus morhua AP-1 complex subunit sigma-3-like (LOC115549304) transcript variant X1 mRNA   |                    |
|                  | ap1s3 XM 030381007.1 PREDICTED: Gadus morhua adaptor related protein complex 1 subunit sigma 3 (ap1s3) transcript variant X1 mRNA  |                    |
| 100              | 100 AP2S1 NM 001301076.3 Homo sapiens adaptor related protein complex 2 subunit sigma 1 (AP2S1) transcript variant 3 mRNA  |                    |
|                  |  |                    |
|                  | ap2s1 XM 030337445.1 PREDICTED: Gadus morhua adaptor related protein complex 2 subunit sigma 1 (ap2s1) mRNA  | 7                  |
| 89               | 100 AP4S1 NM 001128126.3 Homo sapiens adaptor related protein complex 4 subunit sigma 1 (AP4S1) transcript variant 2 mRNA  |                    |
|                  | ap4s1 XM 030355742.1 PREDICTED: Gadus morhua adaptor related protein complex 4 subunit sigma 1 (ap4s1) transcript variant X1 mR  | -<br>-             |
| 70               | ap3s1 XM 030359145.1 PREDICTED: Gadus morhua adaptor related protein complex 3 subunit sigma 1 (ap3s1) transcript variant X1   | mRNA               |
| 28               | AP3S1 NM 001364119.1 Homo sapiens adaptor related protein complex 3 subunit sigma 1 (AP3S1) transcript variant 7 mRNA  |                    |
|                  | 53 AP3S2 NM 005829.5 Homo sapiens adaptor related protein complex 3 subunit sigma 2 (AP3S2) transcript variant 1 mRNA  |                    |
|                  | 100 🛏 ap3s2 XM 030376755.1 PREDICTED: Gadus morhua adaptor related protein complex 3 subunit sigma 2 (ap3s2) mRNA  |                    |
|                  | 80AP3B1 NM 001271769.2 Homo sapiens adaptor related protein complex 3 subunit beta 1 (AP3B1) transcript variant 2 mRNA   | 7                  |
|                  | 100 🖵 ap3b1 XM 030353667.1 PREDICTED: Gadus morhua adaptor related protein complex 3 subunit beta 1 (ap3b1) transcript variant X1 m  | RNA                |
|                  | AP3B2 NM 001278511.2 Homo sapiens adaptor related protein complex 3 subunit beta 2 (AP3B2) transcript variant 3 mRNA   |                    |
|                  | 100 ap3b2 XM 030365115.1 PREDICTED: Gadus morhua adaptor related protein complex 3 subunit beta 2 (ap3b2) transcript variant X1  | 1 mRNA             |
| 97               | 100 AP4B1 NM 006594.5 Homo sapiens adaptor related protein complex 4 subunit beta 1 (AP4B1) transcript variant 1 mRNA  | Г                  |
| 38               | ap4b1 XM 030362761.1 PREDICTED: Gadus morhua adaptor related protein complex 4 subunit beta 1 (ap4b1) transcript va  | riant X1 mRNA      |
| 98               | ap1b1 XM 030359388.1 PREDICTED: Gadus morhua adaptor related protein complex 1 subunit beta 1 (ap1b1) transcript variant   |                    |
| 90               | AP1B1 NM 001127.4 Homo sapiens adaptor related protein complex 1 subunit beta 1 (AP1B1) transcript variant 1 mRNA  |                    |
|                  | 100 - an1b1 XM 030360608 1 PREDICTED: Codus morbus AP 1 complex subunit bots 1 like (LOC115546802) mPNA  |                    |
|                  |  |                    |
|                  | 100 AP2B1 NM 001030006.2 Homo sapiens adaptor related protein complex 2 subunit beta 1 (AP2B1) transcript variant 1 mRNA   |                    |
|                  | 100 AP3D1 NM 001261826.3 Homo sapiens adaptor related protein complex 3 subunit delta 1 (AP3D1) transcript variant 3 mRNA  |                    |
|                  | ap3d1 XM 030372535.1 PREDICTED: Gadus morhua adaptor related protein complex 3 subunit delta 1 (ap3d1) transcript variant X1 m   | -                  |
|                  | 100 AP4E1 NM 001252127.2 Homo sapiens adaptor related protein complex 4 subunit epsilon 1 (AP4E1) transcript variant 2 mRN   |                    |
| 59               | ap4e1 XM 030365953.1 PREDICTED: Gadus morhua adaptor related protein complex 4 subunit epsilon 1 (ap4e1) transcript varia  | -                  |
|                  | 100 AP1G1 NM 001030007.2 Homo sapiens adaptor related protein complex 1 subunit gamma 1 (AP1G1) transcript variant 1   | mRNA               |
| 94               | ap1g1 XM 030376230.1 PREDICTED: Gadus morhua adaptor related protein complex 1 subunit gamma 1 (ap1g1) transcri  | pt variant X1 mRNA |
|                  | 100ap1g1 XM 030363624.1 PREDICTED: Gadus morhua AP-1 complex subunit gamma-1-like (LOC115548783) transcript varia  | ant X1 mRNA        |
|                  | AP1G2 NM 003917.5 Homo sapiens adaptor related protein complex 1 subunit gamma 2 (AP1G2) transcript variant 1 mRN  | A ]                |
| 86               | 97 AP2A1 NM 014203.3 Homo sapiens adaptor related protein complex 2 subunit alpha 1 (AP2A1) transcript variant 1 mRNA  | ]                  |
|                  | ap2a2 XM 030376179.1 PREDICTED: Gadus morhua AP-2 complex subunit alpha-2-like (LOC115558241) mRNA   |                    |
| _                | 100 👝 AP2A2 NM 012305.4 Homo sapiens adaptor related protein complex 2 subunit alpha 2 (AP2A2) transcript variant 2 mRNA   |                    |
|                  | 84 ap2a2 XM 030376454.1 PREDICTED: Gadus morhua AP-2 complex subunit alpha-2 (LOC115558380) transcript variant X1 mRN/   | 4                  |
|                  | AP5Z1 NM 001364858.1 Homo sapiens adaptor related protein complex 5 subunit zeta 1 (AP5Z1) transcript variant 2 mRNA   |                    |
| 100              | ap5z1 XM 030349847.1 PREDICTED: Gadus morhua adaptor related protein complex 5 subunit zeta 1 (ap5z1) mRNA   |                    |
| 95               | AP5B1 NM 138368.5 Homo sapiens adaptor related protein complex 5 subunit beta 1 (AP5B1) mRNA   |                    |
|                  | ap5b1 XM 030374270.1 PREDICTED: Gadus morhua adaptor related protein complex 5 subunit beta 1 (ap5b1) mRNA   |                    |
| 92               | AP5S1 NM 018347.3 Homo sapiens adaptor related protein complex 5 subunit sigma 1 (AP5S1) transcript variant 2 mRNA   |                    |
| 56               | ap5s1 XM 030357132.1 PREDICTED: Gadus morhua adaptor related protein complex 5 subunit sigma 1 (ap5s1) mRNA  |                    |
|                  |  |                    |
|                  | ap5m1 XM 030356378.1 PREDICTED: Gadus morhua adaptor related protein complex 5 subunit mu 1 (AP5M1) transcript variant 1 mRNA  |                    |
| 34               |  |                    |
|                  |  |                    |
| 66               | ap4m1 XM 030361805.1 PREDICTED: Gadus morhua adaptor related protein complex 4 subunit mu 1 (ap4m1) mRNA   | 7                  |
|                  | 99 AP3M2 NM 001134296.2 Homo sapiens adaptor related protein complex 3 subunit mu 2 (AP3M2) transcript variant 1 mRNA<br>97 an3m2 XM 030357645 1 PREDICTED: Gadus morbus AP-3 complex subunit mu-2 (LOC115544963) mRNA |                    |
|                  |  |                    |
| 99               |  |                    |
|                  | ap3m1 XM 030379194.1 PREDICTED: Gadus morhua AP-3 complex subunit mu-1-like (LOC115559957) transcript variant X1 m   | -                  |
|                  | 54 ap2ma XM 030364979.1 PREDICTED: Gadus morhua AP-2 complex subunit mu-A (LOC115549660) transcript variant X1 mRNA  |                    |
| 83               | 100 – ap2ma XM 030381516.1 PREDICTED: Gadus morhua AP-2 complex subunit mu-A-like (LOC115561448) transcript variant X1 m   | RNA                |
|                  | AP2M1 NM 004068.4 Homo sapiens adaptor related protein complex 2 subunit mu 1 (AP2M1) transcript variant 1 mRNA  |                    |
|                  | 44 AP1M2 NM 001300887.2 Homo sapiens adaptor related protein complex 1 subunit mu 2 (AP1M2) transcript variant 1 mRNA  |                    |
|                  | ap1m2 XM 030352855.1 PREDICTED: Gadus morhua adaptor related protein complex 1 subunit mu 2 (ap1m2) mRNA   |                    |
|                  | 100 ap1m1 XM 030372810.1 PREDICTED: Gadus morhua AP-1 complex subunit mu-1-like (LOC115555780) mRNA  |                    |
|                  | ap1m1 XM 030363767.1 PREDICTED: Gadus morhua AP-1 complex subunit mu-1-like (LOC115548871) mRNA  |                    |
|                  | AP1M1 NM 032493.4 Homo sapiens adaptor related protein complex 1 subunit mu 1 (AP1M1) transcript variant 2 mRNA  |                    |
|                  | 44 ap1m1 XM 030373193.1 PREDICTED: Gadus morhua adaptor related protein complex 1 subunit mu 1 (ap1m1) mRNA  |                    |
|                  |  |                    |