



Figure 3. The genetics and epigenetics of Prader–Willi syndrome (PWS) and Angelman syndrome (AS). (A) PWS and AS can be caused by genetic, epigenetic, or mixed defects. (B) The imprinted gene clusters associated with PWS and AS, indicating genes that are normally maternally or paternally expressed. The bipartite regulatory imprinted control (IC) region is indicated, showing the region critical for imprinted AS cluster control (green) and PWS gene cluster control (purple).