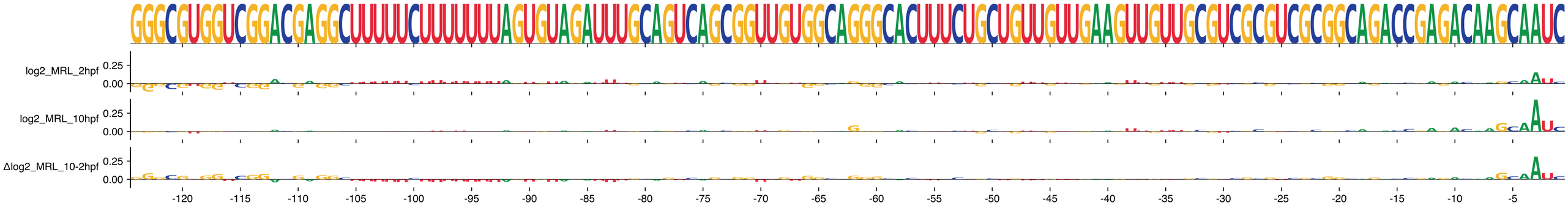jpt2, Maternal