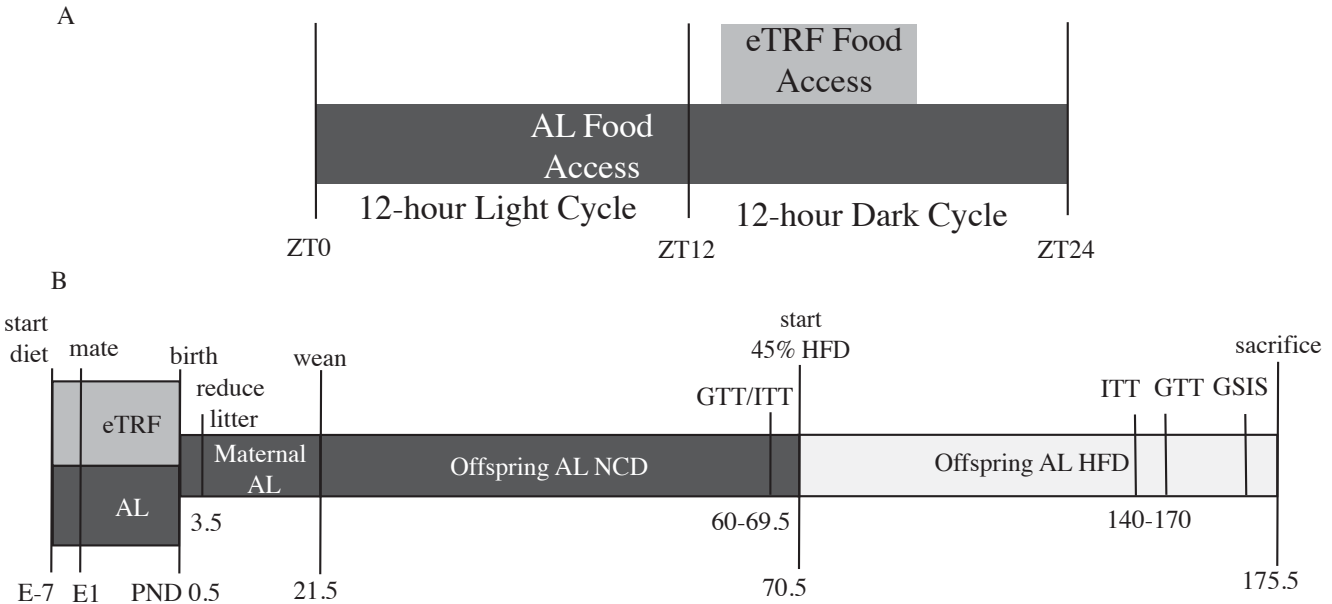Figure 1 Experimental Protocol and Timing