

**Additional Table 3** PERMANOVA results and its post-hoc analysis. 9999 permutations. All the p-values are Benjamini-Hochberg adjusted p-values. C: control, HRL, CRC.

	<b>16S</b>		<b>Shotgun</b>	
	PERMANOVA	Post-hoc	PERMANOVA	Post-hoc
<b>Family</b>	F=4.4, p-value: 1e-4	C vs HRL: 1.5e-4 C vs CRC: 3.1e-3 HRL vs CRC: 1.5e-4	F=3.3, p-value: 1e-4	C vs HRL: 2.5e-3 C vs CRC: 4.5e-4 HRL vs CRC: 4.5e-4
<b>Genus</b>	F=2.8, p-value: 1e-4	C vs HRL: 1.5e-4 C vs CRC: 3.4e-3 HRL vs CRC: 1.5e-4	F=2.7, p-value: 2e-4	C vs HRL: 6e-4 C vs CRC: 0.01 HRL vs CRC: 4e-4
<b>Species</b>	F=4.4, p-value: 1e-4	C vs HRL: 1.5e-4 C vs CRC: 1.4e-3 HRL vs CRC: 1.5e-4	F=2.2, p-value: 1e-4	C vs HRL: 1.4e-3 C vs CRC: 1.8e-3 HRL vs CRC: 1.4e-3