

	Size of Lump	Unique K-mers in Reads	Number of HCKs in Reads	Unique K-mers in Assembly	Number of HCKs in Assembly	Ratio of HCK fraction in Reads:Assembly
Soil 1	3,296,530	83,828,947	737,925 (0.9%)	3,609,890	6,254	5.1
Soil 2	15,003,371	325,944,372	24,794,674 (8.0%)	18,309,811	246,208	5.7
Soil 3	204,591,328	2,570,376,194	162,983,201 (6.3%)	168,148,892	2,169,506	4.9
Rumen	10,642,917	210,926,979	16,870,521 (8.0%)	21,954,854	340,765	5.2
Human gut	269,204,147	867,771,339	49,341,629 (6.0%)	142,928,997	2,322,608	3.5
Simulated	433,693	10,944,028	361,493 (3.3%)	1,307,914	6,957	6.2