

**Additional File 26. Relative abundance of genera detected as labelled in 16S rRNA gene profiles of the 1000 ppmv supplied test groups**

Genera	Pea rhizosphere				Unplanted soil			
	<sup>13</sup> C heavy fraction	<sup>13</sup> C light fraction	<sup>12</sup> C heavy fraction	<sup>12</sup> C light fraction	<sup>13</sup> C heavy fraction	<sup>13</sup> C light fraction	<sup>12</sup> C heavy fraction	<sup>12</sup> C light fraction
<i>Phenyllobacterium</i>	0.30	0	0.13	0.07	0.06	0	0	0
<i>Micromonospora</i>	0.11	0	0	0	0.13	0	0	0
<i>Ilumatobacter</i>	0.55	0	0.27	0.11	0.64	0	0.15	0