LEA h gem d2: rank matrix & stability _*_Blautia _*_Lachnospiraceae;Other * Prevotella 9 6 10 * Ruminococcus * Faecalibacterium 9 15 12 *_Faecalibacterium

*_ Dialister

*_ Bacteroides

*_ Ruminococcaceae; Other

-_ *_ Streptococcus

-_ *_ Brevibacillus

* Erysipelotrichaceae; Other

__ *_ Collinsella 8 12 14 16 25 13 18 15 20 21 23 17 24 15 11 12 13 18 15 19 17 14 16 22 23 27 24 28 26 13 11 14 68 34 13 *_Peptococcus *_Parabacteroides * Veillonellaceae;Other * Phascolarctobacterium _*_Anaerostipes 23 25 26 20 *_Clostridium *_Odoribacter *_Lachnospira *_Sutterella 21 22 20 26 22 37 21 54 *_Lactococcus _*_Lactococcus _*_Slackia _*_Coprobacillus _*_[Eubacterium] 29 32 32 46 23 17 29 28 27 32 30 38 31 31 *_Clostridiales;Other;Other 29 25 31 45 35 43 37 39 38 44 50 40 34 41 59 66 25 19 36 31 27 45 32 40 28 * Roseburia 36 * Bifidobacterium * Oscillospira 49 39 50 41 * Adlercreutzia _*_rc4-4 *_Actinomyces *_[Ruminococcus] _*_Butyricimonas __*_Holdemania 40 36 52 42 48 45 41 34 33 30 40 52 73 * Lactobacillus 24 *_Eggerthella *_Catenibacterium 84 78 _*_Bilophila 39

Rank Stability Index (in %)