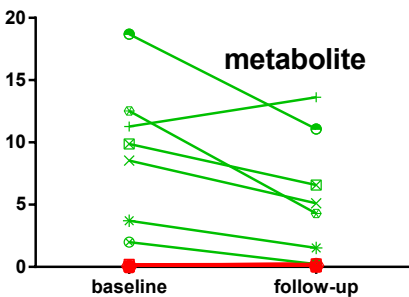
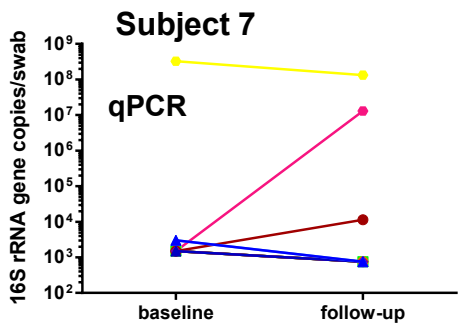
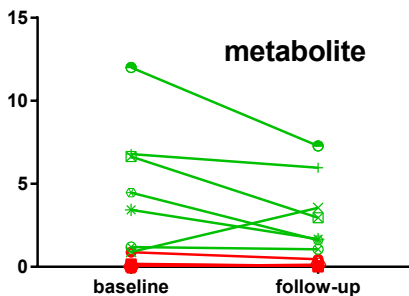
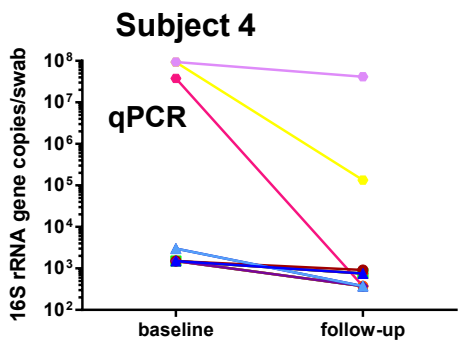
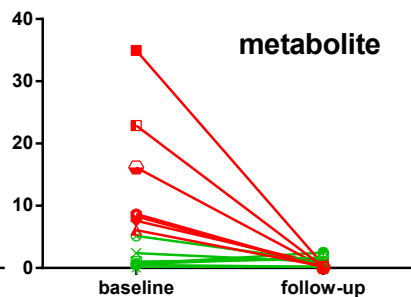
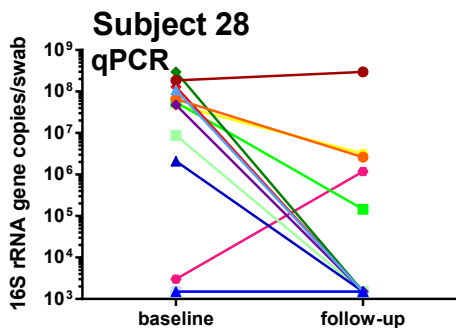
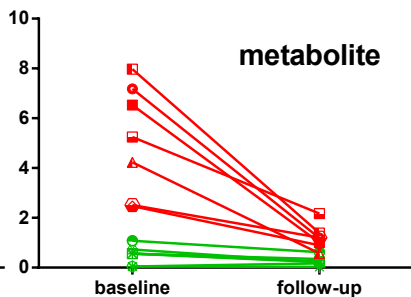
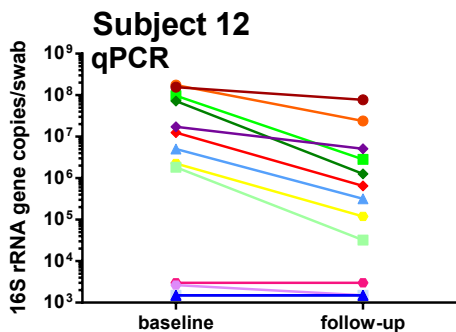


A: BV negative at baseline and follow-up



- ▲ BVAB1
- ▲ BVAB2
- ▲ BVAB3
- ◆ *Megasphaera spp.*
- *Gardnerella vaginalis*
- *Atopobium vaginae*
- ◆ *Leptotrichia/Sneathia spp.*
- ◆ *Eggerthella sp. type 1*
- *Prevotella timonensis*
- *Prevotella buccalis*
- *Prevotella amnii*
- ◆ *Lactobacillus crispatus*
- ◆ *Lactobacillus jensenii*
- ◆ *Lactobacillus iners*
- ▲ agmatine
- cadaverine
- deoxycarnitine
- ◆ N-acetylputrescine
- pipecolate
- succinate
- tyramine
- ✕ glutamate
- ✱ glutathione, reduced (GSH)
- + lactate
- ⊗ sphingosine
- tyrosine
- ⊠ phenylalanine
- ⊗ glycylproline

B: Recurrent BV



▲ BVAB1

▲ BVAB2

▲ BVAB3

◆ *Megasphaera* spp.

● *Gardnerella vaginalis*

● *Atopobium vaginae*

◆ *Leptotrichia/Sneathia* spp.

◆ *Eggerthella* sp. type 1

■ *Prevotella timonensis*

■ *Prevotella buccalis*

■ *Prevotella amnii*

● *Lactobacillus crispatus*

● *Lactobacillus jensenii*

● *Lactobacillus iners*

▲ agmatine

■ cadaverine

■ deoxycarnitine

◆ N-acetylputrescine

● pipecolate

● succinate

■ tyramine

× glutamate

× glutathione, reduced (GSH)

+ lactate

⊗ sphingosine

● tyrosine

⊗ phenylalanine

⊗ glycylproline