etable 1. Population and image protocol

	Sex	Age	Genotype
People with HIV (14 subjects)	1 female / 13 male	age = 56 ± 6 years	4 mixed binders (3m / 1 f) 10 high binders (10m / 0 f)
Elite Controllers (6 subjects)	1 female / 5 male	age = 59 ± 7 years	2 mixed binders (2m / 0 f) 4 high binders (3m / 1 f)
Controls (16 subjects)	6 female / 10 male	age = 51 ± 12 years	5 mixed binders (3m / 2 f) 11 high binders (9m / 4 f)

PET/MRI Sequences

MP2RAGE (T1 map)	T2 map	multi-echo MPRAGE	PET
TR = 5000 ms, TI1/TI2 = 700/2500ms, vs = 1 × 1 × 1.2 mm^3, FoV = 256 × 240 × 212 at = 8:22 min	TR/TE = 5000/9 ms, 21 echoes, 30 slices; vs = 1×1×4 mm^3, FoV = 256×240×192 at = 3 min	TR/TE1/TE2/TE3/TE4 2530/1.64/3.5/5.36/7.22 flip angle = 7, vs = 1 × 1 × 1 mm^3	90min acquisition OP-OSEM Partial volume effect, motion and attenuation correction 4 x 4 x 4 mm^3

vs stands for voxel size; FoV stand for Field of View (mm^3); at stands for acquisition time; TR and TE stand for Repetition Time and Echo Time (ms);