

Table SI. Baseline characteristics of patients and volunteers.

Characteristics	Patients, n=24	Volunteers, n=24
Age	24.71±2.37	25.33±2.51
Weight (kg)	76.25±9.60	70.71±6.85
Waist (cm)	96.36±8.36	92.55±8.89

Figure S1. Structure of the GV287 vector. LTR, long terminal repeat; pUbi, ubiquitin promoter; MCS, multiple cloning site; 3FLAG, three tandem FLAG epitope tags; pSV40, simian virus 40 promoter; EGFP, enhanced green fluorescent protein; PloyA, polyadenylic acid; pBR ori, pBR322 origin; Amp^r, ampicillin resistance gene; p CMV, cytomegalovirus immediate/early promoter.

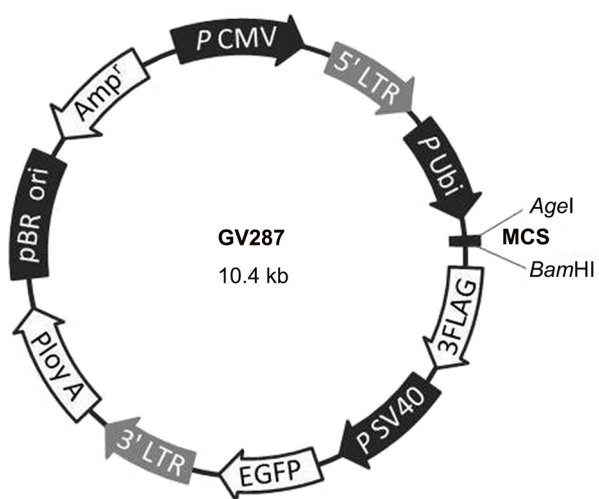


Figure S2. IGF-1 levels in KGN cells following transfection with IGF-1 overexpression vector. (A) Relative IGF-1 mRNA and (B) protein expression. *** $P < 0.001$. Cells transfected with empty vector were used as negative control. IGF-1, insulin-like growth factor-1. ly promoter.

