Linearizing DNA for Transfection

Digestion:

20 ul DNA (1ug/ul)
20 ul Scal Buffer
5 ul Scal Enzyme
155 ul dd H2O
200ul

Incubate @37C for 2 hours
Add 2ul Scal enzyme. Incubate 2 more hours at 37C
Add 1ml (5 volumes) of buffer PB to each rxn.
Add sample to QIA-quick column (2X, 600ul each)

Spin 1 min @ max speed, 4C. Discard flowthrough
Wash column with 750ul buffer PE. Spin 1 min @ max speed, 4C. Discard FT
Spin 1 additional minute to get rid of residual EtOH
Place column in a fresh eppendorf tube and add 40ul Elution Buffer to center of column.
Let sit for 1 min. Spin for 1 min.
Store tube at –20C. Concentration is at 0.5 ug/ul