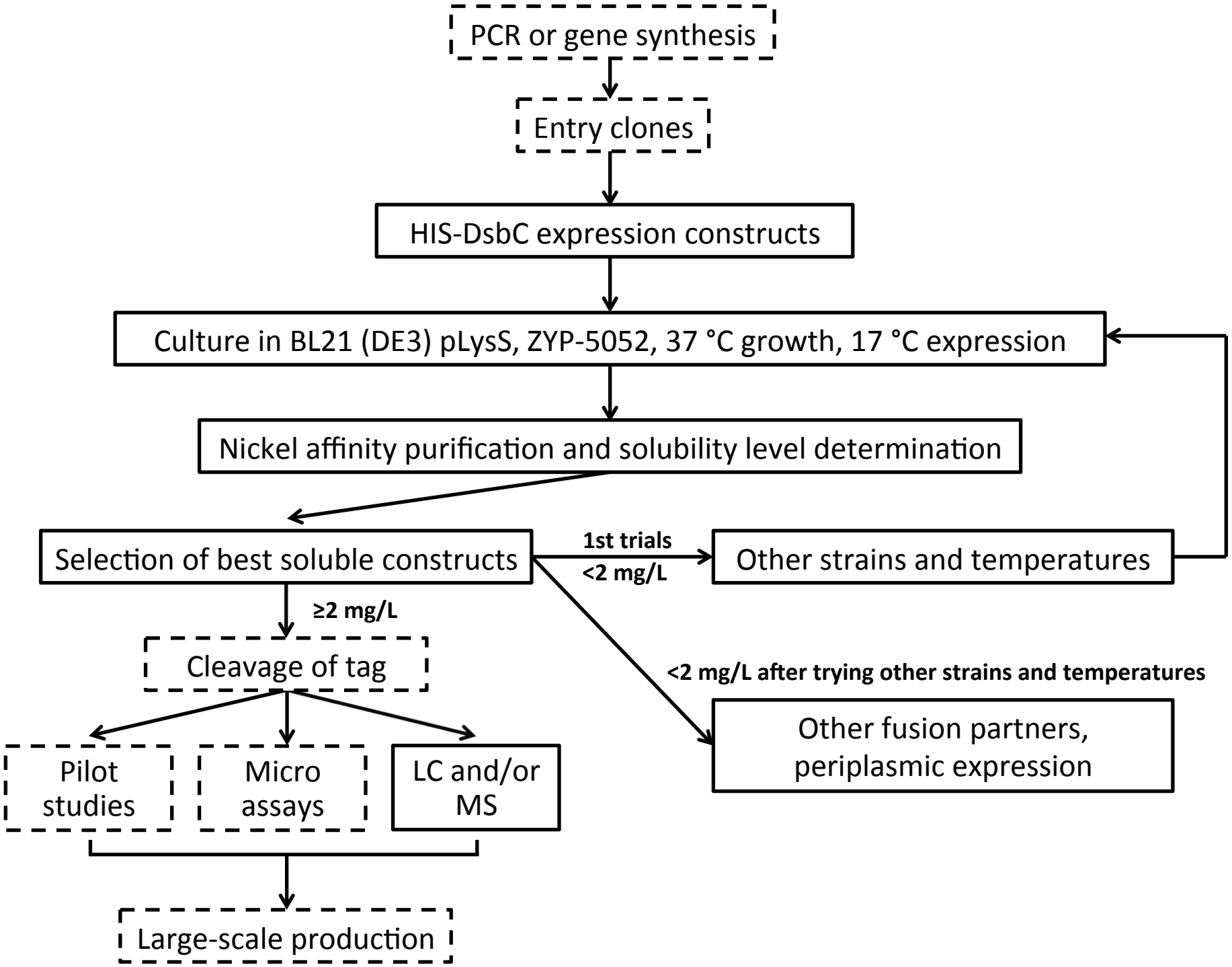
PCR or gene synthesis
Entry clones
HIS-DsbC expression constructs
Culture in BL21 (DE3) pLysS, ZYP-5052, 37 °C growth, 17 °C expression
Nickel affinity purification and solubility level determination
Selection of best soluble constructs
1st trials
<2 mg/L
Other strains and temperatures
≥2 mg/L
Cleavage of tag
<2 mg/L after trying other strains and temperatures
Other fusion partners, periplasmic expression
Pilot studies
Micro assays
LC and/or MS
Large-scale production