

Supporting Material:

Jeffamine Derivatized TentaGel Beads and PDMS
Microbead Cassettes for Ultra-high Throughput in
situ Releasable Solution-Phase Cell-based Screening
of OBOC Combinatorial Small Molecule Libraries

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High-throughput Releasable Screening of OBOC Libraries.

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Supporting Information

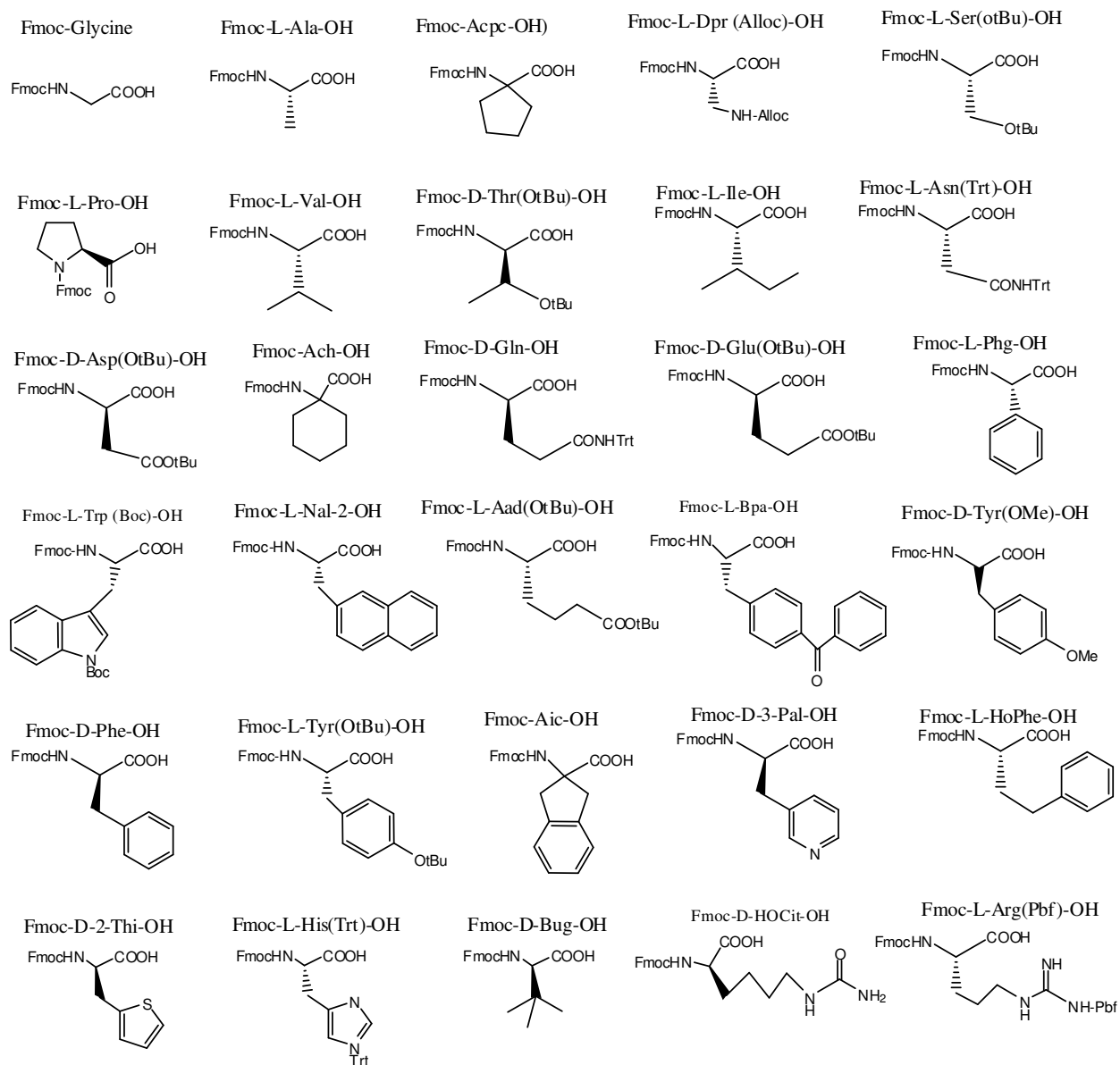
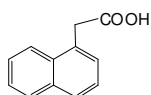
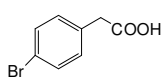


Fig. S1. Thirty Fmoc-amino acids used as building blocks for encoded small molecule library

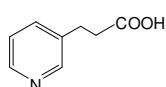
Naphthyl carboxylic acid



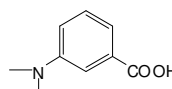
4-Bromo phenyl acetic acid



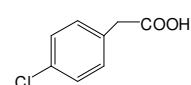
3-Pyridine propionic acid



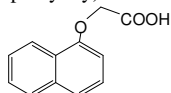
3-(Dimethylamino) benzoic acid



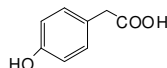
4-Chloro phenyl acetic acid



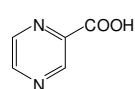
(1-Naphthoxy) acetic acid



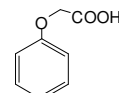
4-Hydroxy Phenyl acetic acid



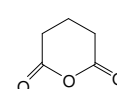
2-Pyrazine carboxylic acid



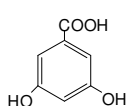
Phenoxy acetic acid



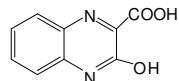
Glutaric anhydride



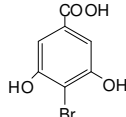
3,5-Dihydroxy benzoic acid



3-Hydroxy-2- quinoxaline carboxylic acid



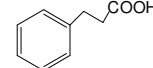
3,5-Dihydroxy-4-bromo benzoic acid



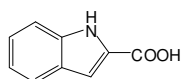
3,5-Difluoro benzoic acid



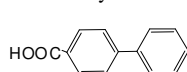
Phenyl propionic acid



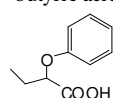
Indole 2-carboxylic acid



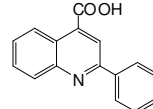
4-Biphenyl carboxylic acid



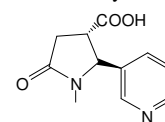
2-Phenoxy butyric acid



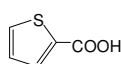
2-Phenyl-4-quinoline carboxylic acid



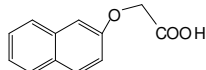
Trans-4-Cotinine carboxylic acid



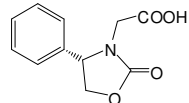
2-Thiophene carboxylic acid



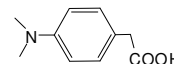
2-Naphthoxy acetic acid



(S)-(+)-Oxo-4-phenyl-3-oxazolidine acetic acid



4-(Dimethyl amino) phenyl acetic acid



4-Phenoxy benzoic acid

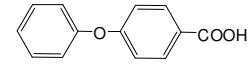


Fig S2. Chemical structure of 25 acylating reagents

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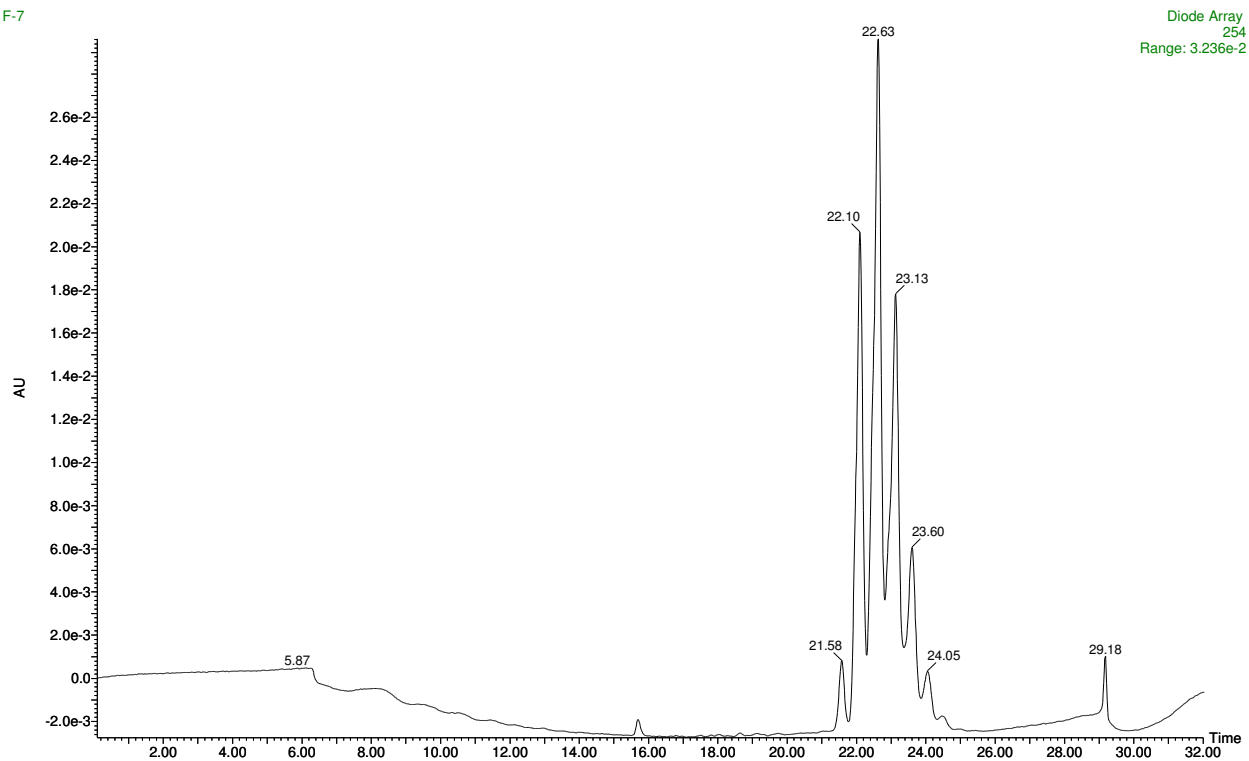


Figure S3. HPLC Chromatogram of Fmoc-Jeffamine Linker [(Fmoc)₂-JA-OH]

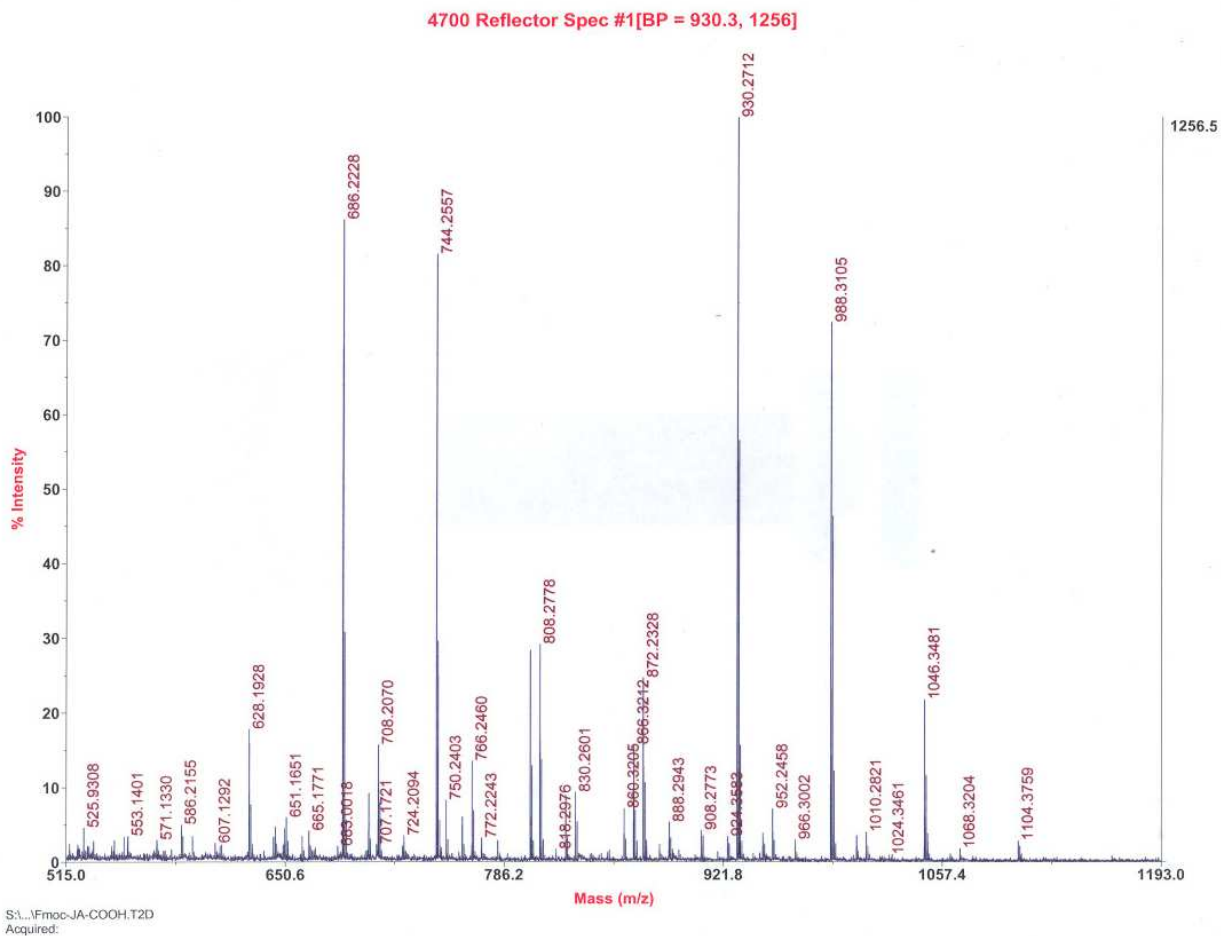


Figure S4. MALDI-TOF-MS spectra of Jeffamine Linker (Fmoc)₂-JA-OH