

Table S1: Objective functions calculated by the method of ignoring phase transformations.

individual	obj1 $Q_{\eta}(^{\circ}C \cdot s)$	obj2 Peak($^{\circ}C$)	obj3 $\Delta t(s)$
1	435.071378084713	240.001747245049	54.5
7	435.138443282811	240.000038093407	54.5
9	436.095066154456	240.000005183255	55
13	436.113096814552	240.000001260963	55
20	436.635219563140	240.000000141785	55
25	436.645884791386	240.000000010802	55
29	436.645884978413	240.000000003675	55
31	436.645885453915	240.000000001101	55
32	436.645885615729	240.000000000022	55
42	436.645894791105	240.000000000002	55
71	436.645894791136	240.000000000001	55