

Initial-cluster	Clusters after Iterative Procedure
Initial-cluster-1	GCP-cluster-9 (31), GUP-cluster-10 (6)
Initial-cluster-2	GCP-cluster-15 (3), GUP-cluster-2 (42)
Initial-cluster-3	GCP-cluster-16 (4), GUP-cluster-3 (2), GUP-cluster-4 (15)
Initial-cluster-4	GCP-cluster-7 (9), GCP-cluster-8 (246), GUP-cluster-6 (29), GUP-cluster-7 (129)
Initial-cluster-5	GCP-cluster-4 (2042), GCP-cluster-6 (108), GCP-cluster-7 (385), GUP-cluster-5 (256) GUP-cluster-6 (9), GUP-cluster-8 (20)
Initial-cluster-6	GCP-cluster-3 (3), GCP-cluster-7 (11), GCP-cluster-8 (29), GCP-cluster-9 (331) GCP-cluster-12 (1), GUP-cluster-7 (12), GUP-cluster-10 (40)
Initial-cluster-7	GCP-cluster-15 (118), GUP-cluster-2 (1), GUP-cluster-9 (22)
Initial-cluster-8	GCP-cluster-7 (3), GCP-cluster-8 (740), GCP-cluster-9 (30), GCP-cluster-12 (6) GUP-cluster-6 (2), GUP-cluster-7 (167), GUP-cluster-10 (2)
Initial-cluster-9	GCP-cluster-10 (114), GCP-cluster-15 (8), GUP-cluster-1 (77), GUP-cluster-9 (31)
Initial-cluster-10	GCP-cluster-1 (563), GCP-cluster-4 (6), GCP-cluster-6 (26), GCP-cluster-7 (7) GCP-cluster-8 (50), GCP-cluster-9 (3), GCP-cluster-11 (2), GCP-cluster-13 (7) GUP-cluster-6 (31), GUP-cluster-7 (28), GUP-cluster-8 (10), GUP-cluster-12 (21) GUP-cluster-13 (2)
Initial-cluster-11	GCP-cluster-3 (1), GCP-cluster-4 (75), GCP-cluster-6 (830), GCP-cluster-7 (2) GCP-cluster-10 (4), GCP-cluster-14 (3), GCP-cluster-15 (6), GUP-cluster-5 (10) GUP-cluster-6 (2), GUP-cluster-8 (328), GUP-cluster-9 (2)
Initial-cluster-12	GCP-cluster-2 (92), GCP-cluster-5 (1), GCP-cluster-8 (21), GCP-cluster-9 (10) GCP-cluster-11 (1), GCP-cluster-12 (27), GUP-cluster-7 (22), GUP-cluster-11 (5)
Initial-cluster-13	GCP-cluster-8 (1), GCP-cluster-11 (192), GCP-cluster-12 (3), GCP-cluster-13 (13) GUP-cluster-13 (58)
Initial-cluster-14	GCP-cluster-6 (1), GCP-cluster-10 (24), GCP-cluster-15 (354), GUP-cluster-9 (145)
Initial-cluster-15	GCP-cluster-6 (1), GCP-cluster-7 (1), GCP-cluster-8 (85), GCP-cluster-9 (1) GCP-cluster-11 (13), GCP-cluster-12 (1154), GCP-cluster-13 (18), GUP-cluster-6 (1) GUP-cluster-7 (139), GUP-cluster-12 (38), GUP-cluster-13 (6)
Initial-cluster-16	GCP-cluster-5 (13), GCP-cluster-9 (5), GUP-cluster-7 (1), GUP-cluster-11 (2)
Initial-cluster-17	GCP-cluster-4 (40), GCP-cluster-6 (2), GCP-cluster-7 (1482), GCP-cluster-8 (68) GUP-cluster-5 (42), GUP-cluster-6 (188), GUP-cluster-7 (2)
Initial-cluster-18	GCP-cluster-3 (191), GCP-cluster-4 (4), GCP-cluster-6 (66), GCP-cluster-7 (25) GCP-cluster-8 (18), GCP-cluster-9 (82), GCP-cluster-10 (1), GUP-cluster-1 (2) GUP-cluster-6 (84), GUP-cluster-7 (7), GUP-cluster-8 (52), GUP-cluster-10 (77)
Initial-cluster-19	GCP-cluster-14 (36), GCP-cluster-15 (16), GUP-cluster-2 (1), GUP-cluster-9 (9)
Initial-cluster-20	GCP-cluster-11 (5), GCP-cluster-16 (40), GUP-cluster-13 (4)
Initial-cluster-21	GCP-cluster-6 (36), GCP-cluster-7 (1), GCP-cluster-10 (1564), GCP-cluster-14 (3) GCP-cluster-15 (71), GUP-cluster-1 (8), GUP-cluster-8 (19), GUP-cluster-9 (47)
Initial-cluster-22	GCP-cluster-7 (1), GCP-cluster-11 (6), GCP-cluster-13 (206), GUP-cluster-3 (29) GUP-cluster-4 (1), GUP-cluster-7 (1), GUP-cluster-12 (74), GUP-cluster-13 (15)

Table 1: This is supplementary table 1. Contrast of initial clustering and iterative clustering for the data from Diehn et al. The numbers in the parenthesis are the number of profiles in the corresponding GUP or GCP cluster that are from the initial cluster on the left.