

1 **Supplementary Table 1. AST and GGT levels; haemoglobin concentration and platelet count over time for all patients and**
 2 **by Down syndrome status**

	All patients (n=82)	Non-Down syndrome patients (n=53)	Down syndrome patients (n=29)
Mean±SD AST levels U/L (median [range])			
Baseline	29.8±13.23 (26 [0–80]) n=69	28.9±13.57 (25 [8–80]) n=42	31.3±12.81 (30 [0–67]) n=27
3 months	28.4±6.24 (27 [15–49]) n=61	27.8±7.13 (28 [15–49]) n=42	29.8±7.00 (27 [20–45]) n=19
6 months	30.4±10.64 (28 [15–74]) n=57	28.9±9.35 (28 [16–74]) n=40	34.1±12.75 (28 [15–71]) n=17
12 months	30.9±12.55 (29 [14–100]) n=57	29.4±7.70 (30 [17–51]) n=39	34.0±19.27 (27 [14–100]) n=18
18 months	35.5±37.26 (27 [17–267]) n=43	29.4±8.98 (27 [20–50]) n=30	49.6±65.99 (31 [17–267]) n=13
24 months	26.6±7.45 (26 [11–45]) n=39	26.6±7.15 (26 [17–45]) n=29	26.6±7.73 (28 [11–36]) n=10
Latest	27.8±8.76 (26 [11–51]) n=33	26.9±8.43 (26 [11–50]) n=26	31.3±9.78 (27 [23–51]) n=7

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Mean±SD GGT levels U/L (median [range])			
Baseline	38.5±37.37 (29 [0–216]) n=67	43.2±43.09 (30 [8–216]) n=41	31.2±24.99 (23 [0–113]) n=26
3 months	41.6±40.32 (26 [8–188]) n=59	48.5±46.00 (33 [8–188]) n=40	27.2±18.20 (21 [10–85]) n=19
6 months	46.8±39.00 (30 [7–168]) n=57	52.9±43.37 (38 [7–168]) n=40	32.4±20.57 (28 [13–90]) n=17
12 months	48.4±45.61 (31 [8–205]) n=58	55.9±50.93 (39 [8–205]) n=40	31.8±24.52 (22 [11–105]) n=18
18 months	45.8±44.50 (29 [9–195]) n=44	51.0±49.02 (33 [9–195]) n=32	32.0±26.08 (23 [12–100]) n=12
24 months	45.0±45.63 (29 [11–238]) n=41	52.7±51.07 (36 [11–238]) n=30	24.2±10.49 (20 [12–46]) n=11
Latest	48.2±45.74 (31 [10–204]) n=35	53.6±50.01 (34 [11–204]) n=27	30.0±19.50 (25 [10–67]) n=8
Mean±SD haemoglobin levels g/dL (median [range])			
Baseline	19.0±3.41 (19 [10–25]) n=73	18.4±3.70 (19 [10–25]) n=47	19.9±2.61 (20 [15–25]) n=26
3 months	18.8±3.42 (19 [11–25]) n=63	18.5±3.72 (18 [11–25]) n=42	19.3±2.75 (20 [13–24]) n=21
6 months	19.0±3.24 (20 [12–25])	18.6±3.43 (19 [12–25])	19.7±2.75 (20 [14–71])

	n=61	n=41	n=20
12 months	18.6±3.40 (19 [12–25]) n=57	18.6±3.43 (19 [12–25]) n=40	19.0±3.05 (19 [13–25]) n=17
18 months	19.2±3.33 (19 [11–25]) n=50	19.0±3.61 (19 [11–25]) n=35	19.6±2.61 (19 [16–25]) n=15
24 months	18.3±3.21 (18 [11–24]) n=41	17.8±3.37 (18 [11–23]) n=29	19.4±2.56 (19 [16–24]) n=12
Latest	18.7±3.18 (20 [12–25]) n=37	18.4±3.19 (20 [12–23]) n=29	19.8±3.07 (20 [14–25]) n=8
Mean±SD platelets x10³/L (median [range])			
Baseline	153.3±83.81 (127 [42–443]) n=74	178.3±86.32 (180 [51–443]) n=47	109.9±58.75 (97 [42–284]) n=27
3 months	140.1±71.41 (122 [46–356]) n=63	155.7±72.63 (138 [63–356]) n=42	109.1±58.96 (92 [46–284]) n=21
6 months	140.0±68.97 (123 [23–334]) n=61	159.3±69.64 (140 [70–334]) n=41	100.4±48.47 (93 [23–228]) n=20
12 months	149.2±77.07 (127 [34–393]) n=58	165.5±75.96 (157 [59–393]) n=41	109.8±66.33 (87 [34–260]) n=17
18 months	139.3±68.75 (134 [36–362]) n=50	152.9±71.52 (154 [64–362]) n=35	107.5±50.74 (99 [36–362]) n=15
24 months	149.3±72.34 (143 [51–369])	163.7±74.13 (147 [64–369])	114.4±56.27 (97 [51–210])

	n=41	n=29	n=12
Latest	136.7±56.78 (135 [27–239]) n=37	148.3±45.72 (142 [62–227]) n=29	94.8±75.17 (58 [27–239]) n=8

4 AST, aspartate aminotransferase; GGT, gamma glutamyl transferase; SD, standard deviation.