

ESM Table 2: Median (IQR) HbA_{1c} on treatment and after discontinuing treatment following the detection of a *GCK* mutation.

Treatment pre <i>GCK</i> mutation testing	n	Median (IQR) HbA _{1c} pre genetic test (on treatment/no treatment)	Median (IQR) HbA _{1c} post genetic test (off treatment/at follow-up)	Median (IQR) absolute change in HbA _{1c}	p=
None	18	46 (42, 50) mmol/mol [6.4% (6.0, 6.7)]	46 (44, 50) mmol/mol [6.4% (6.2, 6.7)]	1.1 (-1.1, 3.6) mmol/mol [0.1 (-0.1, 0.3)]	0.2
OHA	6	46 (43, 50) mmol/mol [6.4% (6.1, 6.8)]	45 (45, 47) mmol/mol [6.3% (6.3, 6.5)]	0 (-3.3, 2.5) mmol/mol [0% (-0.3, 0.2)]	0.9
Insulin	10	47 (45, 50) mmol/mol [6.5% (6.3, 6.7)]	45 (42, 52) mmol/mol [6.3% (6.0, 7.0)]	0.5 (-5.5, 2.2) mmol/mol [0.1% (-0.5, 0.2)]	0.7
OHA & insulin combined	16	47 (44, 50) mmol/mol [6.5% (6.2, 6.7)]	45 (44, 51) mmol/mol [6.3% (6.2, 6.8)]	0 (-5.5, 2.2) mmol/mol [0 % (-0.5, 0.2)]	0.5