

Genes with DMRs in patients treated with azacytidine (AZA) and demonstration of response.

Patient ID	HMA given	Response	HbF regulating genes with changes in methylation patterns after AZA
A	AZA	CR	FOG-1, RCOR-1, ZBTB7A, MTA1, MTA2
B	AZA	mCR+HI	FOG-1, RCOR-1, ZBTB7A, BCL11A
C	AZA	mCR	FOG-1, ZBTB7A, MTA1, MTA2, MBD3, BCL11A
D	AZA	mCR+HI	No changes
E	AZA	NR	FOG-1, RCOR-1, ZBTB7A, MTA1, MBD3
F	AZA	NR	FOG-1, RCOR-1, ZBTB7A, MTA1, MTA2, MBD3
G	AZA	NR	No changes

NR: no response, mCR: marrow complete response, HI: hematological improvement, PR: partial response