



*Targeted Genes Interrogated by
MayoComplete Histiocytic Neoplasms
Next-Generation Sequencing*

Genome Build GRCh37 (hg19)

Gene	GenBank Accession Number*	Coverage Region**
<i>ARAF</i>	NM_001654.4	Exons 7, 10–16
<i>BRAF</i>	NM_004333.4	Exons 11–18
<i>CSF1R</i>	NM_005211.3	Exons 8, 10, 12, 22
<i>KRAS</i>	NM_033360.3	Exons 2–4
<i>MAP2K1</i>	NM_002755.3	Exons 2–3, 6
<i>NRAS</i>	NM_002524.4	Exons 2–4
<i>PIK3CA</i>	NM_006218.2	Exons 2–11, 14–21
<i>PTEN</i>	NM_000314.4	Exons 1–8

*Reference transcript numbers may have been updated due to database re-versioning. Refer to the patient report for the most updated gene transcript information.

**Default is +/- 5 bps of flanking intron surrounding each exon with some exceptions. *BRAF* exon 18 has -2 bp of flanking intron.