



Gene	GenBank Accession Number	Exons
<i>AK1</i>	NM_000476.2	5'-UTR (g.130636928–130636897), Exons 1–7
<i>ALDOA</i>	NM_000034.3	Exons 1–14
<i>ANK1</i>	NM_000037.3	5'-UTR (g.41655140–41655057), Exons 1–43, Intron 41
<i>CDIN1</i>	NM_001130010.1	5'-UTR (g.36871804–36872061), Exons 1–11
<i>CD59</i>	NM_203330.2	Exons 1, 3–6
<i>CDAN1</i>	NM_138477.2	Exons 1–28
<i>EPB41</i>	NM_001166005.1	Exons 1–20, ex21 (g.29443331–29444628, g.29444908–29446558)
<i>EPB42</i>	NM_000119.2	Exons 1–13
<i>FANCA</i>	NM_000135.2	5'-UTR (g.89883065–89883024), Exons 1–43
<i>FANCC</i>	NM_000136.2	Exons 1–15, Intron 13 (g.97873744–97871525, g.97870923–97869552)
<i>FANCG</i>	NM_004629.1	Exons 1–14
<i>G6PD</i>	NM_001042351.2	Exons 1–13
<i>GATA1</i>	NM_002049.3	Exons 1–6
<i>GCLC</i>	NM_001498.3	Exons 1–16
<i>GPI</i>	NM_000175.4	Exons 1–18
<i>GSR</i>	NM_000637.3	5'-UTR (g.30585486–30585353), Exons 1–13
<i>GSS</i>	NM_000178.3	Exons 1–13
<i>GYPC</i>	NM_002101.4	Exons 1–4
<i>HBB</i>	NM_000518.4	HBB promoter (g.5248540–5248302), 5'-UTR (g.5248301–5248252) Exons 1–3, Introns 1–2, 3'-UTR (g.5246827–5246696)
<i>HBD</i>	NM_000519.3	5'-UTR (g.5255858–5255664), Exons 1–3, Introns 1–2, 3'-UTR (g.5254193–5254059)
<i>HK1</i>	NM_033496.2	5'-UTR (g.71075609–71075710), Exons 1–18
<i>HMOX1</i>	NM_002133.2	5'-UTR (g.35777060–35777166), Exons 1–5
<i>KIF23</i>	NM_138555.3	Exons 1–23
<i>KLF1</i>	NM_006563.3	KLF1 promoter (g.12998137–12998018), 5'-UTR (g.12998017–12997955), Exons 1–3
<i>NT5C3A</i>	NM_0010020010.2	Exons 1–9
<i>PFKM</i>	NM_000289.5	Exons 1–23
<i>PGK1</i>	NM_000291.3	Exons 1–11
<i>PIEZO1</i>	NM_001142864.3	Exons 2–51, Intron 14
<i>PKLR</i>	NM_000298.5	PKLR promoter (g.155271298–155271226), 5'-UTR (g.155271225–155271187), Exons 1–11, Intron 9
<i>RHAG</i>	NM_000324.2	Exons 1–10
<i>RPS19</i>	NM_001022.3	Exons 1–6

Targeted Genes Interrogated by NGHHA
Next-Generation Sequencing (continued)

Gene	GenBank Accession Number	Exons
<i>SEC23B</i>	NM_001172745.2	Exons 1–20, Introns 2, 15 (g.18526678–18528432)
<i>SLC2A1</i>	NM_006516.2	5'-UTR (g.43424847–43424323), Exons 1–10
<i>SLC4A1</i>	NM_000342.3	5'-UTR (g.42340302–42340235), Exons 1–20, Intron 2
<i>SPTA1</i>	NM_003126.2	Exons 1–52, Intron 30 (g.158613580–158613216)
<i>SPTB</i>	NM_001355436.1	Exons 1–35
<i>STOM</i>	NM_004099.5	Exons 1–7
<i>TPI1</i>	NM_000365.5	TPI1 promoter (g.6976640–6976692), 5'-UTR (g.6976693–6976730), Exons 1–7
<i>UGT1A1</i>	NM_000463.2	UGT1A1 promoter (g.234668860–234668918), Exons 1–5

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