

# Deep sequencing and automated histochemistry of human tissue slice cultures improve their usability as preclinical model for cancer research

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**Tab. S1: rRNA sequences (NCBI RefSeq).**

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18S_gi	124517659 ref	NR_003286.1	Homo sapiens 18S ribosomal RNA (LOC100008588)
28S_gi	124517661 ref	NR_003287.1	Homo sapiens 28S ribosomal RNA (LOC100008589)
5S_gi	36084 emb	V00589.1	Human 5S ribosomal RNA
5.8S_gi	142372596 ref	NR_003285.2	Homo sapiens RNA, 5.8S ribosomal 1 (RN5-8S1), ribosomal RNA
12S_gi	251831106:648-1601		Homo sapiens mitochondrion, complete genome
16S_gi	251831106:1671-3229		Homo sapiens mitochondrion, complete genome

**Tab. S2: NCBI RefSeq accession IDs for globins.**

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>gi	672228742 ref	NM_000558.4	Homo sapiens hemoglobin, alpha 1 (HBA1), mRNA
>gi	172072689 ref	NM_000517.4	Homo sapiens hemoglobin, alpha 2 (HBA2), mRNA
>gi	94538363 ref	NM_001003938.3	Homo sapiens hemoglobin, mu (HBM), mRNA
>gi	28302132 ref	NM_000184.2	Homo sapiens hemoglobin, gamma G (HBG2), mRNA
>gi	28302130 ref	NM_000559.2	Homo sapiens hemoglobin, gamma A (HBG2), mRNA
>gi	28302128 ref	NM_000518.4	Homo sapiens hemoglobin, beta (HBB), mRNA
>gi	6633805 ref	NM_005332.2	Homo sapiens hemoglobin, zeta (HBZ), mRNA
>gi	62865863 ref	NM_000519.3	Homo sapiens hemoglobin, delta (HBD), mRNA
>gi	28302129 ref	NM_005330.3	Homo sapiens hemoglobin, epsilon 1 (HBE1), mRNA
>gi	44955887 ref	NM_203378.1	Homo sapiens myoglobin (MB), transcript variant 3, mRNA
>gi	44955884 ref	NM_203377.1	Homo sapiens myoglobin (MB), transcript variant 2, mRNA
>gi	44955876 ref	NM_005368.2	Homo sapiens myoglobin (MB), transcript variant 1, mRNA

**Tab. S3: Summary of the samples.**

Sample	Zone	Treatment		Data
peritumoral brain	III	untreated	-	histology, RNA
		treated	TMZ + 4 Gy	histology
glioblastoma (GBM)	I	untreated	-	histology, RNA
		treated	TMZ + 4 Gy	histology, RNA