For P53 expression:

Groups	TCPS-30 s	TCPS-60 s	GO-30 s	GO-60 s	GO/Au-30 s	GO/Au-60 s
TCPS-30 s		p-value≤0.05	p-value≤0.05	p-value≤0.05	p-value≤0.05	p-value≤0.05
TCPS-60 s			p-value≤0.05	p-value≤0.05	p-value≤0.05	p-value≤0.05
GO-30 s				p-value≤0.05	p-value≤0.05	p-value≤0.05
GO-60 s					p-value≤0.05	p-value≤0.05
GO/Au-30 s						p-value≤0.05

For BCL2 expression:

Groups	TCPS-30 s	TCPS-60 s	GO-30 s	GO-60 s	GO/Au-30 s	GO/Au-60 s
TCPS-30 s		p-value≤0.05	p-value≤0.05	p-value≤0.05	p-value≤0.05	p-value≤0.05
TCPS-60 s			p-value≤0.05	p-value>0.05	p-value≤0.05	p-value≤0.05
GO-30 s				p-value≤0.05	p-value≤0.05	p-value≤0.05
GO-60 s					p-value≤0.05	p-value≤0.05
GO/Au-30 s						p-value≤0.05

For Bax expression:

Groups	TCPS-30 s	TCPS-60 s	GO-30 s	GO-60 s	GO/Au-30 s	GO/Au-60 s
TCPS-30 s		p-value≤0.05	p-value≤0.05	p-value≤0.05	p-value≤0.05	p-value≤0.05
TCPS-60 s			p-value≤0.05	p-value≤0.05	p-value≤0.05	p-value≤0.05
GO-30 s				p-value≤0.05	p-value>0.05	p-value>0.05
GO-60 s					p-value≤0.05	p-value≤0.05
GO/Au-30 s						p-value>0.05

For Cas3 expression:

Groups	TCPS-30 s	TCPS-60 s	GO-30 s	GO-60 s	GO/Au-30 s	GO/Au-60 s
TCPS-30 s		p-value≤0.05	p-value≤0.05	p-value≤0.05	p-value≤0.05	p-value≤0.05
TCPS-60 s			p-value≤0.05	p-value≤0.05	p-value≤0.05	p-value≤0.05
GO-30 s				p-value≤0.05	p-value≤0.05	p-value≤0.05
GO-60 s					p-value≤0.05	p-value≤0.05
GO/Au-30 s						p-value≤0.05

For Cas8 expression:

Groups	TCPS-30 s	TCPS-60 s	GO-30 s	GO-60 s	GO/Au-30 s	GO/Au-60 s
TCPS-30 s		p-value≤0.05	p-value≤0.05	p-value≤0.05	p-value≤0.05	p-value≤0.05
TCPS-60 s			p-value≤0.05	p-value≤0.05	p-value≤0.05	p-value≤0.05
GO-30 s				p-value≤0.05	p-value≤0.05	p-value≤0.05
GO-60 s					p-value≤0.05	p-value≤0.05
GO/Au-30 s						p-value≤0.05