

**Table S3.** T-Test statistics form data represented in fig.4 and 5 (organoids growth).

**Red dot**  $p > 0.05$ ; **Yellow dot**  $0.01 \leq p \leq 0.05$  \*; **Green dot**  $p < 0.01$  \*\* or \*\*\*

SB vs CTR	BRAF-mutated organoids										EGFR pathway wild-type organoids					
	OMCR13-011TK		OMCR16-005TK		OMCR18-025TK		OMCR18-059TK		OMCR19-011TK		OMCR18-035TK		OMCR18-060TK		OMCR19-010TK	
	p=		p=		p=		p=		p=		p=		p=		p=	
0.5		5.3235E-04		8.7531E-01		3.9418E-04		2.6135E-01		1.1984E-01		6.2099E-02		2.6623E-02		9.3817E-05
1.0		2.2139E-04		1.8948E-01		8.6383E-05		1.9484E-01		5.6388E-01		7.7289E-02		6.1185E-02		1.2739E-07
1.5		1.2976E-03		2.5056E-03		8.5685E-03		5.5511E-01		3.7155E-01		3.7862E-01		1.7017E-04		1.4343E-06
2.0		2.5929E-01		5.5822E-04		6.9611E-01		8.5728E-02		7.2542E-01		4.5068E-03		4.0765E-03		2.7156E-06
2.5		4.8304E-01		4.8077E-05		8.4610E-02		4.8636E-03		7.0078E-01		3.7790E-02		4.8724E-05		1.6083E-06
3.0		2.4971E-01		1.8543E-06		3.2373E-05		5.2493E-04		9.3575E-01		4.6054E-05		6.3509E-05		7.7925E-06
3.5		1.4359E-01		5.1917E-06		2.4538E-07		9.2890E-06		9.0887E-01		1.7894E-06		4.8786E-05		7.1549E-07
4.0		7.6335E-02		5.4902E-06		1.0182E-07		2.0807E-07		9.2935E-01		4.7321E-12		4.3581E-03		1.3423E-03
4.5		2.2895E-02		1.5149E-06		2.2923E-08		1.0746E-09		5.0255E-01		3.4536E-12		2.4376E-04		2.3413E-04
5.0		3.6319E-03		2.2644E-07		1.5892E-08		8.2336E-09		2.8149E-02		2.4312E-10		1.9580E-04		4.3953E-04
5.5		1.2362E-03		5.8902E-08		1.0034E-09		2.5111E-10		5.0258E-02		8.2891E-12		1.3416E-03		1.7352E-03
6.0		2.1858E-04		1.3440E-07		3.1959E-09		6.2119E-09		5.0440E-02		1.9466E-10		3.0553E-02		4.9056E-03
6.5		2.1187E-04		8.9563E-08		4.1119E-09		5.9869E-08		3.0499E-02		8.2564E-10		1.5517E-01		4.1497E-03
7.0		8.6875E-05		1.5540E-08		1.6478E-09		1.6779E-07		8.2171E-04		4.5077E-09		1.6784E-01		3.9379E-02
7.5		8.1921E-06		1.2704E-08		6.2978E-09		6.2731E-10		2.6800E-02		1.3968E-08		3.2865E-02		3.0071E-02
8.0		1.0427E-05		2.7223E-08		1.0485E-08		5.3159E-09		4.4076E-02		1.9033E-09		3.4285E-02		1.3418E-01
8.5		1.1686E-04		2.4831E-07		2.7801E-08		4.6819E-10		7.7665E-03		1.6812E-11		3.8304E-03		2.9550E-02
9.0		1.7510E-05		2.0927E-07		5.3597E-08		1.1542E-09		4.4019E-04		1.3910E-10		1.5216E-04		5.0980E-02
DBF vs CTR	p=		p=		p=		p=		p=		p=		p=		p=	
0.5		2.1429E-01		2.5188E-01		7.6765E-01		2.8953E-02		2.4777E-01		3.2037E-01		3.8831E-01		3.5082E-01
1.0		1.5990E-02		1.1279E-01		8.8631E-02		1.4181E-06		8.4776E-01		2.5996E-09		1.8685E-01		2.8077E-03
1.5		2.0084E-04		1.2091E-02		1.2522E-02		2.1323E-09		8.4132E-01		5.5596E-11		2.3018E-01		2.0032E-04
2.0		1.0151E-04		8.4271E-03		1.3300E-04		4.9182E-09		8.2288E-01		6.7653E-15		3.0812E-02		1.3767E-07
2.5		1.9628E-05		9.7950E-04		8.2598E-06		2.1577E-09		2.4618E-01		2.8148E-14		3.0102E-02		1.2905E-08
3.0		5.6049E-06		3.4964E-05		1.5954E-06		1.9117E-08		9.9810E-02		1.1022E-15		1.1119E-02		2.0060E-11
3.5		6.5107E-05		4.5701E-05		1.2490E-07		3.3765E-09		2.4628E-02		7.6319E-17		2.3425E-03		5.9356E-10
4.0		1.1547E-04		3.3750E-05		1.4560E-07		8.0809E-09		3.8316E-02		2.6434E-16		6.2423E-06		2.4524E-10

	4.5		2.3551E-04		2.0343E-05		2.5904E-08		3.2200E-10		4.4991E-02		8.3889E-14		1.9290E-05		6.8484E-09
	5.0		1.2429E-03		2.4893E-06		3.6605E-08		6.9522E-09		8.3000E-04		2.0012E-11		1.7584E-05		1.3966E-08
	5.5		2.7322E-03		1.4796E-06		1.7806E-09		4.4789E-10		4.4532E-03		2.0074E-12		9.6813E-05		6.7678E-09
	6.0		4.5353E-03		4.0256E-06		7.1821E-09		9.5269E-09		2.7795E-03		5.9885E-11		3.3752E-05		3.6385E-08
	6.5		1.5750E-02		9.1679E-06		1.2552E-08		1.5934E-07		8.3471E-03		3.5275E-10		5.7711E-05		5.2563E-09
	7.0		6.0915E-02		4.9227E-06		5.2600E-09		1.2292E-06		7.9186E-04		3.1053E-09		9.2023E-06		1.2869E-09
	7.5		1.7158E-01		2.5484E-06		4.4423E-08		7.1459E-09		5.8079E-04		1.3275E-08		6.6552E-04		4.5161E-09
	8.0		3.6041E-01		5.4844E-06		9.9027E-08		3.8799E-07		1.7437E-03		1.7892E-09		1.1575E-02		1.2258E-07
	8.5		2.7876E-01		4.2597E-05		4.7217E-07		6.4452E-06		1.0397E-01		1.3574E-11		3.4403E-02		6.4860E-09
	9.0		7.5664E-01		1.9144E-04		1.9303E-06		1.5966E-02		1.8910E-01		1.1213E-10		1.9274E-02		6.8200E-09
PLX vs CTR		p=		p=		p=		p=		p=		p=		p=		p=	
	0.5		4.6997E-02		8.8651E-01		8.2607E-01		2.6355E-02		3.7420E-01		8.0641E-01		2.2575E-01		8.3041E-01
	1.0		1.7216E-05		6.3289E-01		7.2143E-01		9.9401E-06		4.7364E-01		1.4079E-05		3.8032E-01		5.4617E-01
	1.5		5.6436E-07		2.6671E-01		1.3059E-01		4.0420E-09		5.0451E-01		4.2226E-05		6.9132E-02		8.2845E-01
	2.0		8.4713E-07		2.6669E-01		4.9477E-03		3.8461E-09		2.3450E-01		9.3381E-11		4.3140E-01		8.9256E-01
	2.5		1.4070E-07		2.3688E-01		1.0270E-03		2.4925E-10		3.8999E-01		1.2049E-06		4.2131E-02		9.7874E-01
	3.0		2.3556E-08		2.2703E-02		6.3933E-05		6.8176E-09		1.9991E-01		4.6006E-07		7.2965E-02		8.6123E-01
	3.5		2.4319E-07		7.4527E-02		5.6487E-06		8.8645E-10		1.1552E-01		4.4954E-07		8.5224E-03		2.5233E-01
	4.0		1.7071E-07		9.5575E-02		2.4732E-06		3.4836E-09		4.3781E-02		2.2613E-08		3.3538E-02		8.6796E-01
	4.5		3.9173E-07		1.4537E-01		5.6175E-07		1.5175E-10		3.3866E-02		4.4458E-08		1.8086E-03		5.3522E-01
	5.0		4.1436E-06		1.8135E-01		6.0931E-07		4.6464E-09		1.0102E-01		7.5879E-06		3.5666E-04		4.6231E-01
	5.5		6.1911E-06		4.2559E-01		2.1495E-08		2.1511E-10		5.2727E-03		5.0211E-06		3.6799E-04		5.5154E-01
	6.0		3.8375E-06		4.1167E-01		1.0886E-07		4.4600E-09		4.3875E-03		2.5694E-04		4.2706E-04		5.7778E-01
	6.5		8.5203E-06		4.7054E-01		7.8041E-07		1.5713E-07		2.7783E-03		2.2365E-03		2.0217E-04		1.5405E-01
	7.0		1.5407E-05		2.8423E-01		1.7367E-06		1.9780E-06		4.5681E-02		2.7979E-02		7.5686E-03		4.5669E-01
	7.5		1.7906E-06		3.4703E-01		5.1746E-06		1.1969E-08		4.9168E-04		1.6108E-02		1.3546E-03		2.3067E-01
	8.0		2.7575E-06		7.0422E-01		8.8508E-06		1.9853E-06		2.0288E-03		1.2521E-03		9.6068E-04		5.1465E-01
	8.5		6.2796E-05		7.0799E-01		1.5062E-04		2.1193E-04		3.4976E-03		5.5230E-04		1.5326E-04		2.7640E-01
	9.0		1.0696E-05		7.2418E-01		8.6538E-04		1.1242E-04		5.7078E-02		2.8631E-03		4.1878E-04		8.4921E-01