

Supplemental Table 1. Content of Resveratrol in Some Plants and Foods/Beverages

Plants/foods	Content			References
	<i>trans</i> -resveratrol	<i>cis</i> -resveratrol	Total	
Grapes				
Merlot ^a	0.5 ± 0.0	ND	0.5 ± 0.0	1
Cabernet Sauvignon ^a	0.5 ± 0.0	ND	0.5 ± 0.0	1
Primitivo ^b	13.9 ± 0.4	ND	13.9 ± 0.4	2
Negroamaro ^b	3.6 ± 0.1	ND	3.6 ± 0.1	2
Susumaniello ^b	63.0 ± 0.9	ND	63.0 ± 0.9	2
Uva diTroia ^b	4.6 ± 0.06	ND	4.6 ± 0.06	2
Malvasia Nera ^b	48.5 ± 1.0	ND	48.5 ± 1.0	2
Aglianico ^b	61.1 ± 0.8	ND	61.1 ± 0.8	2
Cesanese ^b	8.16 ± 0.02	ND	8.16 ± 0.02	2
Merlot Moscato ^b	9.2 ± 0.2	ND	9.2 ± 0.2	2
Alphonse Lavalley ^b	3.89 ± 0.01	ND	3.89 ± 0.01	2
Rootstock ^a (Beta)	1.59	ND	1.59	3
Rootstock ^a (Shanhe)	7.05	ND	7.05	3

Rootstock ^a (Zhi)	6.21	ND	6.21	3
Rootstock ^a (Berlandier Resseguier 2)	4.04	ND	4.04	3
Rootstock ^b (Dog Ridge)	3.87	ND	3.87	4
California Table Grapes ^a (Flame Seedless (skin))			1 ± 0.3	5
California Table Grapes ^a (Black Corinth (skin))			<0.1	5
Tomato Skin^b				
MicroTom tomato	15.3	2.71	19.4	6
Beefsteak	ND	ND		6
Uglyripe	0.38	ND	0.38	6
Heirloom	1.75	0.11	1.86	6
Plum Tom	0.34	ND	0.34	6
Juices^c				
Red grapes juice 100%	40.0 ± 0.60	ND	40.0 ± 0.60	2
Grape juice made from concentrate 99%	0.27 ± 0.01	ND	0.27 ± 0.01	7
Organic grape juice made from concentrate	ND	ND	ND	7
Red grape Merlot juice 100%	0.16 ± 0.01	ND	0.16 ± 0.01	7
Red grape juice 65%, pomegranate juice 25%, blackcurrant juice 10%	ND	ND	ND	7

Grape juice 50%, pomegranate juice 50%	0.36 ± 0.02	ND	0.36 ± 0.02	7
Peanuts				
Runner ^b (White's runner)			0.07 ± 0.03	8
Spanish ^b (Spanette)			0.13 ± 0.11	8
Spanish ^b (Pear)			0.11 ± 0.09	8
Spanish ^b (GA 207-3-4)			0.06 ± 0.07	8
Spanish ^b (PI-337396-FAV70)			0.02 ± 0.02	8
Valencia ^b (Kalasin 1*)			1.4 0.04	8
Valencia ^b (Kalasin 2*)			1.57 0.82	8
Valencia ^b (Konkaen*)			1.2 0.57	8
Valencia ^b (Konkaen 4*)			2.88 1.23	8
Virginia ^b (NC-18016)			0.31 ± 0.15	8
Virginia ^b (Early Bunch)			0.13 ± 0.19	8
Virginia ^b (NC-17291)			0.05 ± 0.07	8
Boiled peanuts ^a	5.1 ± 2.8	ND	5.1 ± 2.8	1
Peanut butter ^a	0.3 ± 0.1	ND	0.3 ± 0.1	1
Whole Peanut sprout ^b (Germination day 0)		Not Determined	3.7 ± 0.6	9
Whole Peanut sprout ^{b*} (Germination day 1)		Not Determined	6.0 ± 0.9	9

Whole Peanut sprout ^b (Germination day 2)	Not Determined		17.7 ± 3.2	9
Whole Peanut sprout ^b (Germination day 3)	Not Determined		19.9 ± 2.5	9
Wines				
Pinot Noir, 1994 (California) ^c	10.57 ± 0.6	7.46 ± 0.09	18.03	1
Cabernet Sauvignon, 1996 (Bulgaria) ^c	6.72 ± 0.10	5.20 ± 0.16	11.92	1
Merlot, 1994 (Chile) ^c	0.48 ± 0.01	1.52 ± 0.05	2.0	1
Merlot, 2000(Brazilian) ^c	3.04	7.93	10.97	10
Merlot, 1999(Brazilian) ^c	ND	12.25	12.25	10
Merlot, 2002 Giacomini commercial(Brazilian) ^c	5.34	21.4	26.74	10
Merlot, 2002 Giacomini in tank(Brazilian) ^c	4.86	22.99	27.85	10
Merlot, 2002(Brazilian) ^c	2	4.9	6.9	10
Merlot 2003 microwinemaking(Brazilian) ^c	1.77	23.23	25	10
Merlot (Italian) ^c	2.24	2.09	4.33	11
Cabernet sauvignon 2003 microwinemaking(Brazilian) ^c	ND	4.16	4.16	10
Cabernet sauvignon 2002 Giacomini(Brazilian) ^c	2.41	1.70	4.11	10
Cabernet sauvignon 2000(Brazilian) ^c	ND	3.04	3.04	10
Cabernet-sauvignon 2001 (Brazilian) ^c	2.06	7.02	9.08	10
Cabernet Sauvignon, 1995 (California) ^c	0.53 ± 0.01	0.45 ± 0.01	0.98	1

Cabernet franc 2001(Brazilian) ^c	2.27	8.43	10.70	10
Tannat 2000(Brazilian) ^c	ND	1.91	1.91	10
Monovarietal white wines (Portugal) ^c	0.6	0.4	1.0	12
Fortified wines (Portugal) ^c	0.8	0.1	0.9	12
Monovarietal red wines (Portugal) ^c	1.0	2.6	3.6	12
Blended red wines (Portugal) ^c	1.5	2.1	3.6	12
Blended white wines (Portugal) ^c	0.5	0.2	0.7	12
Red wines (France) ^c	3.0	2.6	5.6	12
Vintage 1990 ^c	1		1	13
Vintage 1995	15 ± 3 ^d		15 ± 3	13
Vintage 1997	48 ± 5 ^d		48 ± 5	13
Itadori Root				
Commercial root ^a	523 ± 1	ND	523 ± 1	1
Itadori tea ^c	0.68 ± 0.01	ND	0.68 ± 0.01	1
Hairy root cultures of <i>Ligularia fischeri</i> ^b				14
Berries				
Raw highbush Michigan blueberry	140.0 ± 29.9 ^e		140.0 ± 29.9	15
Raw highbush British Columbia blueberry	ND		ND	15

Raw rabbiteye Mississippi blueberry	ND	ND	15
Raw lowbush “wild” Nova Scotia blueberry	56.2 ± 15.7 ^c	56.2 ± 15.7	15
Raw Polish bilberry	71.0 ± 15.0 ^c	71.0 ± 15.0	15

^aData expressed $\mu\text{g/g}$ fresh weight, mean \pm SE; ^bData expressed $\mu\text{g/g}$ dry weight, mean \pm SD; ^cData expressed as mg/litter, mean \pm SE; ^dData expressed as mg/litter, mean \pm SD; ^e $\mu\text{mol/g}$, mean \pm SD; *1-day germination; ND: not detected.