



HAL
open science

Screening of potential antiviral molecules against equid herpesvirus-1 using cellular impedance measurement: dataset of 2,891 compounds

Côme Thieulent, Christine Fortier, Hélène Munier-Lehmann, Peggy Suzanne, Patrick Dallemagne, Stéphane Zientara, Aymeric Hans, Romain Paillot, Pierre-Olivier Vidalain, Stéphane Pronost, et al.

► To cite this version:

Côme Thieulent, Christine Fortier, Hélène Munier-Lehmann, Peggy Suzanne, Patrick Dallemagne, et al.. Screening of potential antiviral molecules against equid herpesvirus-1 using cellular impedance measurement: dataset of 2,891 compounds. *Data in Brief*, 2020, 33, pp.106492. 10.1016/j.dib.2020.106492 . hal-03022297

HAL Id: hal-03022297

<https://normandie-univ.hal.science/hal-03022297v1>

Submitted on 24 Nov 2020

HAL is a multi-disciplinary open access archive for the deposit and dissemination of scientific research documents, whether they are published or not. The documents may come from teaching and research institutions in France or abroad, or from public or private research centers.

L'archive ouverte pluridisciplinaire **HAL**, est destinée au dépôt et à la diffusion de documents scientifiques de niveau recherche, publiés ou non, émanant des établissements d'enseignement et de recherche français ou étrangers, des laboratoires publics ou privés.



Distributed under a Creative Commons Attribution 4.0 International License



Data Article

Screening of potential antiviral molecules against equid herpesvirus-1 using cellular impedance measurement: Dataset of 2,891 compounds.

Côme Thieulent^{a,b}, Christine Fortier^{a,b,c}, Hélène Munier-Lehmann^d, Peggy Suzanne^e, Patrick Dallemagne^e, Stephan Zientara^f, Aymeric Hans^g, Romain Paillot^{a,b}, Pierre-Olivier Vidalain^{h,i}, Stéphane Pronost^{a,b,c,*}, Erika Hue^{a,b,c,*}

^a LABÉO Frank Duncombe, 14280 Saint-Contest, France

^b Normandie Univ, UNICAEN, BIOTARGEN EA7450, 14280 Saint-Contest, France

^c Normandie Univ, UNICAEN, ImpedanCELL, 14280 Saint-Contest, France

^d Institut Pasteur, Unité de Chimie et Biocatalyse, CNRS UMR 3523, 75015 Paris, France

^e Normandie Univ, UNICAEN, CERMN, 14000 Caen, France

^f Université Paris-Est, Laboratoire de Santé Animale, ANSES, INRA, ENVA, UMR 1161 Virologie, 94700 Maisons-Alfort, France

^g ANSES, Laboratoire de pathologie équine de Dozulé, Unité de virologie et parasitologie équine, 14430 Dozulé, France

^h CIRI, Centre International de Recherche en Infectiologie, Univ Lyon, Inserm U1111, Université Claude Bernard Lyon 1, CNRS UMR5308, ENS de Lyon, F-69007, Lyon, France

ⁱ Equipe Chimie et Biologie, Modélisation et Immunologie pour la Thérapie (CBMIT), Université Paris Descartes, CNRS UMR 8601, 75006 Paris, France

ARTICLE INFO

Article history:

Received 11 September 2020

Revised 29 October 2020

Accepted 30 October 2020

Available online 5 November 2020

ABSTRACT

Data presented in this article are associated with the research article "Identification of antiviral compounds against equid herpesvirus-1 using real-time cell assay screening: efficacy of decitabine and valganciclovir alone and in combination" [1]. These data correspond to the *in vitro* screening of 2,891 potential antiviral compounds against equid herpesvirus-1 (EHV-1) based on impedance measurements using the xCELLigence® RTCA MP System.

DOI of original article: [10.1016/j.antiviral.2020.104931](https://doi.org/10.1016/j.antiviral.2020.104931)

* Corresponding author.

E-mail address: erika.hue@laboratoire-labeo.fr (E. Hue).

<https://doi.org/10.1016/j.dib.2020.106492>

2352-3409/© 2020 The Authors. Published by Elsevier Inc. This is an open access article under the CC BY license (<http://creativecommons.org/licenses/by/4.0/>)

Keywords:

Real-time cell assay
 Chemical library screening
 Antiviral
 Equid herpesvirus-1

This dataset includes compounds from three different libraries: i) 1,199 compounds from the Prestwick® Chemical Library, which contains mostly US Food and Drug Administration approved drugs (Prestwick® Chemical, Illkirch, France); ii) 1,651 compounds from the Centre d'Etudes et de Recherche sur le Médicament de Normandie (CERMN, Caen, France); iii) 41 compounds (called herein in-house antiviral library) selected for their effects against different human viruses. Compounds effective against EHV-1 were selected using the area under normalised curves (AUC_n) and the time required for the Cell Index to decrease by 50% after virus infection (CIT_{50}). The full dataset from the screen is made publicly available for further analyses.

© 2020 The Authors. Published by Elsevier Inc.

This is an open access article under the CC BY license (<http://creativecommons.org/licenses/by/4.0/>)

Specifications Table

Subject	Virology, Biology
Specific subject area	Antiviral compounds tested against equid herpesvirus-1
Type of data	Table Figure Supplementary file (excel)
How data were acquired	The antiviral screening dataset of compounds against equid herpesvirus-1 was acquired using impedance measurements with xCELLigence® RTCA MP system (ACEA Biosciences Inc., San Diego, CA, USA). Data were analysed with RTCA software 2.0 and Microsoft Excel (v. 2010, Microsoft Corporation, Washington, USA).
Data format	Raw data: Microsoft Excel Analysed data: Microsoft Excel Analysed data: figure
Parameters for data collection	Equine dermal fibroblasts were infected with the EHV-1 Kentucky D (KyD) strain (ATCC® VR700™) at a MOI of 0.01 and incubated at 37 °C and 5% CO ₂ in the presence of tested compounds. This study includes 2,891 compounds from three different libraries: i) 1,199 compounds from the Prestwick® Chemical Library, which contains mostly US Food and Drug Administration approved drugs (Prestwick Chemical, Illkirch, France); ii) 1,651 compounds from the Centre d'Etudes et de Recherche sur le Médicament de Normandie (CERMN, Caen, France); iii) 41 compounds (called herein in-house antiviral library) selected for their effects against different human viruses. The screening by impedancemetry was performed on EHV-1 KyD-infected E. Derm cells as a model and using the RTCA MP system (ACEA Biosciences Inc.) as previously described by Thieulent et al., 2019 [2]. The area under normalised curves (AUC_n) and the time required for the Cell Index to decrease by 50% after virus infection (CIT_{50}) were analysed with RTCA software 2.0 and Microsoft Excel (v. 2010, Microsoft Corporation, Washington, USA).
Description of data collection	All data collected originate from impedance measurements during antiviral assays against EHV-1 using the xCELLigence® RTCA MP system (ACEA Biosciences Inc). According to the manufacturer's recommendations, Cell index (CI) values were first normalised to match the last time point before cell infection using the RTCA software version 2.0 (ACEA Biosciences) prior to data analysis. Finally, four representative values were calculated for each culture conditions: area under normalised curves (AUC_n ; [3]), % AUC compared to control cells, time required for the CI to decrease by 50% after virus infection (CIT_{50} ; [4]) and Delta CIT_{50} . The quality of the screening in 96-well format was assessed using the Z'-factor calculation ([5]) based on AUC_n values between 0 and 120 h post-infection (hpi).

(continued on next page)

Data source location	Institution: LABÉO, Normandie Univ, UNICAEN, BIOTARGEN EA7450, ImpedanCELL City/Town/Region: Saint-Contest Country: France Latitude and longitude (and GPS coordinates, if possible) for collected samples/data: 49.201981, -0.395943
Data accessibility	The dataset is available with this article.
Related research article	C. Thieulent, E. Hue, G. Sutton, C. Fortier, P. Dallemagne, S. Zientara, H. Munier-Lehmann, A. Hans, R. Paillot, P-O. Vidalain, S. Pronost. Identification of antiviral compounds against equid herpesvirus-1 using real-time cell assay screening: efficacy of decitabine and valganciclovir alone and in combination. Antiviral research. https://doi.org/10.1016/j.antiviral.2020.104931 .

Value of the Data

- The dataset describes the antiviral activity of 2,891 compounds against equid herpesvirus-1 (EHV-1) and completes the limited number of active molecules previously described.
- These data would help research of antiviral compounds, especially against herpesviruses.
- These data may influence the development or the repositioning of compounds against herpesviruses.
- This method of medium/high-throughput screening and analysis can be adapted to identify antiviral compounds effective against multiple other viruses.
- The dataset is related to an equid herpesvirus but could be informative to viruses infecting other animal species, including humans, as part of the One-Health concept.

1. Data Description

Results from the screen with RTCA system are presented in [Tables 1, 2 and 3](#). For each compound, we provide the area under normalised Cell Index curve from 0 to 96 hpi (AUC_n), the %AUC compared to AUC of untreated, EHV-1-infected control wells, the time required for the cell index to decrease by 50 % after virus infection (CIT_{50}) and the ΔCIT_{50} value obtained by comparing results for treated vs untreated, EHV-1-infected control wells. The Z'-factor reflects the quality of the screening in 96-well format. [Table 1](#) shows the values obtained with the 1,199 compounds from the Prestwick® Chemical Library, containing mostly US Food and Drug Administration approved drugs (Prestwick Chemical, Illkirch, France). Raw data for the Prestwick® Chemical Library are presented in Supplementary File 1. [Table 2](#) shows the values obtained with the 1,651 compounds from the Centre d'Etudes et de Recherche sur le Médicament de Normandie (CERMN, Caen, France). Raw data for the CERMN Library are presented in Supplementary File 2. [Table 3](#) shows the values obtained with the 41 compounds (called herein in-house antiviral library) selected for their effects against different human viruses. Raw data for the in-house antiviral library are presented in Supplementary File 3. Data shown in [Fig. 1](#) correspond to %AUC and ΔCIT_{50} values for individual compounds from each library.

2. Experimental Design, Materials and Methods

1 Cell line and EHV-1 strain

Equine dermal fibroblasts (E. Derm, NBL-6 ATCC® CCL-57, Manassas, VA) were cultivated in Eagle's Minimum Essential Medium (EMEM; ATCC®) supplemented with 10 % foetal

Table 1

Screening of 1,199 compounds from the Prestwick® Chemical Library (Prestwick Chemical, Illkirch, France) at 10 µg/mL. For each compound, the following values are provided: the area under normalised Cell Index curve (AUC_n), the % AUC_n compared to AUC_n of untreated infected cells, the time required for the cell index to decrease by 50 % after virus infection (CIT_{50}) and the ΔCIT_{50} value obtained by comparing results for treated vs untreated, EHV-1-infected control wells. The Z'-factor was used to assess the quality of the screening in 96-well format. For untreated mock-infected and untreated infected cells, the mean \pm SD of AUC_n is reported. N.D., not determinable.

Compound code	Z'-factor	AUC_n	% AUC_n	CIT_{50}	ΔCIT_{50}
P01 untreated mock-infected cells	0.55	224,80 \pm 22,76	N.D.	N.D.	N.D.
P01 untreated infected cells	0.55	55,76 \pm 2,46	N.D.	46:07:49	N.D.
P01A02	0.55	51.06	-8.41	44:04:18	-2.06
P01B02	0.55	79.62	42.80	51:28:21	5.34
P01C02	0.55	56.79	1.86	45:10:49	-0.95
P01D02	0.55	70.74	26.88	50:33:38	4.43
P01E02	0.55	68.24	22.39	44:54:22	-1.22
P01F02	0.55	70.62	26.66	56:06:02	9.97
P01G02	0.55	80.60	44.56	51:42:43	5.58
P01H02	0.55	73.27	31.41	47:53:08	1.76
P01A03	0.55	83.56	49.87	50:33:38	4.43
P01B03	0.55	73.60	32.00	51:00:11	4.87
P01C03	0.55	81.38	45.95	57:35:17	11.46
P01D03	0.55	64.97	16.52	48:21:33	2.23
P01E03	0.55	65.93	18.26	46:46:10	0.64
P01F03	0.55	53.17	-4.65	47:17:41	1.16
P01G03	0.55	78.27	40.37	51:14:10	5.11
P01H03	0.55	74.58	33.76	50:39:34	4.53
P01A04	0.55	90.10	61.60	49:08:43	3.01
P01B04	0.55	72.59	30.20	50:27:16	4.32
P01C04	0.55	85.75	53.80	59:13:28	13.09
P01D04	0.55	93.30	67.34	61:46:15	15.64
P01E04	0.55	52.51	-5.81	45:45:07	-0.38
P01F04	0.55	78.29	40.42	57:03:22	10.93
P01G04	0.55	77.35	38.73	47:36:32	1.48
P01H04	0.55	85.19	52.79	52:14:28	6.11
P01A05	0.55	104.46	87.35	55:40:41	9.55
P01B05	0.55	66.46	19.21	48:26:47	2.32
P01C05	0.55	60.73	8.93	44:06:15	-2.03
P01D05	0.55	66.69	19.61	48:24:48	2.28
P01E05	0.55	67.40	20.89	47:44:15	1.61
P01F05	0.55	59.57	6.85	47:17:24	1.16
P01G05	0.55	65.27	17.07	51:28:23	5.34
P01H05	0.55	69.43	24.53	53:52:57	7.75
P01A06	0.55	56.35	1.07	46:25:25	0.29
P01B06	0.55	66.45	19.17	48:21:40	2.23
P01C06	0.55	62.35	11.83	48:22:10	2.24
P01D06	0.55	64.67	15.98	49:56:56	3.82
P01E06	0.55	66.40	19.09	49:56:56	3.82
P01F06	0.55	72.34	29.75	49:00:18	2.87
P01G06	0.55	65.86	18.13	47:36:31	1.48
P01H06	0.55	102.80	84.38	53:20:54	7.22
P01A07	0.55	81.72	46.57	49:35:06	3.45
P01B07	0.55	75.27	34.99	52:02:02	5.90
P01C07	0.55	72.60	30.20	49:26:35	3.31
P01D07	0.55	57.34	2.85	47:15:10	1.12
P01E07	0.55	80.16	43.78	49:58:18	3.84
P01F07	0.55	82.86	48.61	53:22:54	7.25
P01G07	0.55	72.35	29.76	51:15:25	5.13
P01H07	0.55	90.93	63.08	61:49:31	15.70
P01A08	0.55	100.32	79.92	51:25:30	5.29
P01B08	0.55	60.05	7.71	45:05:39	-1.04
P01C08	0.55	58.73	5.34	49:15:27	3.13
P01D08	0.55	62.21	11.57	54:09:11	8.02
P01E08	0.55	56.71	1.72	46:50:16	0.71

(continued on next page)

Table 1 (continued)

Compound code	Z'-factor	AUC _n	%AUC _n	CIT ₅₀	ΔCIT ₅₀
P01F08	0.55	74.97	34.45	50:08:25	4.01
P01G08	0.55	58.18	4.35	52:42:08	6.57
P01H08	0.55	97.29	74.50	51:42:07	5.57
P01A09	0.55	64.23	15.20	43:05:23	-3.04
P01B09	0.55	184.48	230.88	111:55:07	65.79
P01C09	0.55	56.08	0.58	48:24:42	2.28
P01D09	0.55	67.12	20.38	48:02:20	1.91
P01E09	0.55	71.85	28.87	52:06:29	5.98
P01F09	0.55	169.02	203.15	61:31:24	15.39
P01G09	0.55	107.87	93.48	61:57:29	15.83
P01H09	0.55	44.02	-21.05	53:25:41	7.30
P01A10	0.55	91.80	64.64	54:57:45	8.83
P01B10	0.55	67.73	21.48	43:59:03	-2.15
P01C10	0.55	58.92	5.68	45:04:39	-1.05
P01D10	0.55	50.25	-9.87	46:24:32	0.28
P01E10	0.55	61.00	9.41	44:35:20	-1.54
P01F10	0.55	57.20	2.60	47:36:42	1.48
P01G10	0.55	104.18	86.84	56:39:07	10.52
P01H10	0.55	74.09	32.88	44:18:07	-1.83
P01A11	0.55	92.00	65.01	49:57:59	3.84
P01B11	0.55	86.63	55.37	56:43:26	10.59
P01C11	0.55	67.86	21.71	51:26:20	5.31
P01D11	0.55	66.90	19.99	48:25:35	2.30
P01E11	0.55	62.26	11.66	46:25:09	0.29
P01F11	0.55	56.65	1.61	46:44:49	0.62
P01G11	0.55	60.43	8.37	47:09:36	1.03
P01H11	0.55	82.48	47.93	45:28:30	-0.66
P02 untreated mock-infected cells	0.60	173.87 ± 12.20	N.D.	N.D.	N.D.
P02 untreated infected cells	0.60	52.59 ± 3.87	N.D.	48:34:24	N.D.
P02A02	0.60	51.75	-1.61	40:35:35	-7.69
P02B02	0.60	63.87	21.44	45:55:37	-2.36
P02C02	0.60	84.03	59.77	60:04:32	11.79
P02D02	0.60	67.83	28.97	49:32:20	1.25
P02E02	0.60	53.63	1.96	41:34:55	-6.70
P02F02	0.60	56.17	6.79	44:18:50	-3.97
P02G02	0.60	64.75	23.11	47:24:24	-0.88
P02H02	0.60	54.53	3.69	44:01:16	-4.27
P02A03	0.60	55.67	5.86	49:32:20	1.25
P02B03	0.60	54.76	4.12	42:58:10	-5.32
P02C03	0.60	72.13	37.14	51:59:01	3.70
P02D03	0.60	60.44	14.92	44:57:24	-3.33
P02E03	0.60	74.57	41.79	44:40:49	-3.61
P02F03	0.60	53.45	1.63	45:39:07	-2.63
P02G03	0.60	55.53	5.58	42:55:37	-5.36
P02H03	0.60	54.43	3.48	42:02:18	-6.25
P02A04	0.60	54.65	3.91	45:56:41	-2.34
P02B04	0.60	53.49	1.70	44:28:34	-3.81
P02C04	0.60	64.47	22.58	50:16:02	1.98
P02D04	0.60	67.30	27.96	46:01:14	-2.27
P02E04	0.60	55.27	5.09	44:20:08	-3.95
P02F04	0.60	66.38	26.21	46:55:07	-1.37
P02G04	0.60	61.12	16.21	34:29:20	-13.80
P02H04	0.60	53.38	1.50	44:28:55	-3.80
P02A05	0.60	56.15	6.76	43:03:15	-5.23
P02B05	0.60	43.76	-16.79	42:14:15	-6.05
P02C05	0.60	64.63	22.89	48:21:24	0.07
P02D05	0.60	65.78	25.07	47:14:20	-1.05
P02E05	0.60	41.27	-21.54	40:05:15	-8.20
P02F05	0.60	60.42	14.88	44:34:59	-3.70
P02G05	0.60	60.38	14.81	46:20:48	-1.94
P02H05	0.60	51.98	-1.16	40:27:08	-7.83
P02A06	0.60	73.65	40.03	51:51:41	3.57
P02B06	0.60	26.50	-49.61	N.D.	N.D.

(continued on next page)

Table 1 (continued)

Compound code	Z'-factor	AUC _n	%AUC _n	CIT ₅₀	ΔCIT ₅₀
P02C06	0.60	57.12	8.60	46:53:45	-1.39
P02D06	0.60	53.89	2.46	46:54:44	-1.37
P02E06	0.60	54.38	3.40	46:54:44	-1.37
P02F06	0.60	54.56	3.74	41:20:07	-6.95
P02G06	0.60	59.24	12.63	43:54:06	-4.38
P02H06	0.60	40.82	-22.38	N.D.	N.D.
P02A07	0.60	125.87	139.32	85:30:13	37.22
P02B07	0.60	68.78	30.78	46:45:55	-1.52
P02C07	0.60	83.12	58.04	51:21:11	3.07
P02D07	0.60	54.38	3.40	42:16:53	-6.01
P02E07	0.60	20.06	-61.85	N.D.	N.D.
P02F07	0.60	20.94	-60.18	N.D.	N.D.
P02G07	0.60	66.55	26.53	N.D.	N.D.
P02H07	0.60	45.95	-12.64	41:46:54	-6.51
P02A08	0.60	76.50	45.45	45:52:50	-2.41
P02B08	0.60	41.26	-21.56	N.D.	N.D.
P02C08	0.60	54.92	4.42	48:46:42	0.49
P02D08	0.60	48.08	-8.59	41:06:35	-7.18
P02E08	0.60	44.03	-16.28	43:15:18	-5.03
P02F08	0.60	51.67	-1.76	42:07:41	-6.16
P02G08	0.60	68.68	30.59	48:14:55	-0.04
P02H08	0.60	55.40	5.34	43:51:32	-4.43
P02A09	0.60	64.71	23.04	49:48:25	1.52
P02B09	0.60	51.78	-1.55	43:34:58	-4.70
P02C09	0.60	59.51	13.14	46:40:26	-1.61
P02D09	0.60	57.96	10.20	42:31:31	-5.76
P02E09	0.60	82.35	56.57	56:04:34	7.79
P02F09	0.60	55.36	5.26	43:55:01	-4.37
P02G09	0.60	58.35	10.93	47:06:52	-1.17
P02H09	0.60	50.26	-4.45	43:58:40	-4.31
P02A10	0.60	58.73	11.66	43:49:23	-4.46
P02B10	0.60	60.26	14.58	52:25:59	4.15
P02C10	0.60	62.98	19.74	49:02:48	0.76
P02D10	0.60	62.34	18.54	44:10:00	-4.12
P02E10	0.60	44.96	-14.52	39:30:10	-8.78
P02F10	0.60	51.89	-1.35	41:34:17	-6.72
P02G10	0.60	59.70	13.51	46:25:06	-1.87
P02H10	0.60	56.58	7.58	45:09:27	-3.13
P02A11	0.60	61.98	17.84	44:32:31	-3.74
P02B11	0.60	58.32	10.89	N.D.	N.D.
P02C11	0.60	58.03	10.33	48:56:56	0.66
P02D11	0.60	70.76	34.54	40:02:08	-8.25
P02E11	0.60	72.62	38.08	42:33:42	-5.72
P02F11	0.60	49.05	-6.74	41:02:32	-7.24
P02G11	0.60	63.53	20.79	47:43:15	-0.57
P02H11	0.60	55.01	4.60	47:23:07	-0.90
P03 untreated mock-infected cells	0.82	192.72 ± 4.32	N.D.	N.D.	N.D.
P03 untreated infected cells	0.82	56.35 ± 3.75	N.D.	40:23:40	N.D.
P03A02	0.82	71.76	27.34	46:52:04	6.47
P03B02	0.82	84.77	50.43	N.D.	N.D.
P03C02	0.82	65.99	17.10	43:14:34	2.85
P03D02	0.82	33.83	-39.98	N.D.	N.D.
P03E02	0.82	34.23	-39.26	N.D.	N.D.
P03F02	0.82	68.31	21.22	43:19:17	2.93
P03G02	0.82	62.36	10.67	40:36:43	0.22
P03H02	0.82	78.89	40.00	46:01:37	5.63
P03A03	0.82	87.47	55.22	53:05:34	12.70
P03B03	0.82	81.81	45.17	44:48:22	4.41
P03C03	0.82	51.17	-9.20	38:21:52	-2.03
P03D03	0.82	66.57	18.14	44:49:52	4.44
P03E03	0.82	70.67	25.41	43:46:33	3.38
P03F03	0.82	55.86	-0.88	37:52:44	-2.52
P03G03	0.82	86.78	54.00	43:29:15	3.09
P03H03	0.82	84.38	49.74	46:22:54	5.99

(continued on next page)

Table 1 (continued)

Compound code	Z'-factor	AUC _n	%AUC _n	CIT ₅₀	ΔCIT ₅₀
P03A04	0.82	53.55	-4.97	47:28:40	7.08
P03B04	0.82	67.88	20.45	44:01:53	3.64
P03C04	0.82	66.75	18.46	45:04:06	4.67
P03D04	0.82	60.86	7.99	40:58:43	0.58
P03E04	0.82	88.74	57.48	45:47:14	5.39
P03F04	0.82	71.55	26.98	44:13:42	3.83
P03G04	0.82	62.03	10.08	39:58:48	-0.41
P03H04	0.82	76.86	36.39	45:51:44	5.47
P03A05	0.82	64.48	14.42	45:29:41	5.10
P03B05	0.82	65.53	16.29	44:39:16	4.26
P03C05	0.82	28.52	-49.39	N.D.	N.D.
P03D05	0.82	49.66	-11.87	36:51:47	-3.53
P03E05	0.82	82.76	46.87	44:25:41	4.03
P03F05	0.82	56.03	-0.57	39:53:23	-0.50
P03G05	0.82	81.04	43.81	42:35:20	2.19
P03H05	0.82	63.31	12.34	38:58:46	-1.42
P03A06	0.82	86.03	52.67	52:49:29	12.43
P03B06	0.82	48.53	-13.88	35:01:43	-5.37
P03C06	0.82	68.11	20.86	44:32:02	4.14
P03D06	0.82	56.49	0.24	41:13:49	0.84
P03E06	0.82	60.36	7.11	41:13:49	0.84
P03F06	0.82	78.57	39.42	45:32:18	5.14
P03G06	0.82	75.84	34.59	45:38:12	5.24
P03H06	0.82	99.48	76.52	54:50:08	14.44
P03A07	0.82	74.76	32.66	47:56:22	7.54
P03B07	0.82	83.36	47.93	46:49:49	6.44
P03C07	0.82	68.92	22.31	42:06:39	1.72
P03D07	0.82	52.02	-7.69	39:18:19	-1.09
P03E07	0.82	61.14	8.50	41:25:10	1.03
P03F07	0.82	63.78	13.18	44:08:56	3.75
P03G07	0.82	52.02	-7.69	41:36:54	1.22
P03H07	0.82	77.95	38.33	48:34:14	8.18
P03A08	0.82	66.96	18.82	45:02:41	4.65
P03B08	0.82	95.55	69.56	50:33:16	10.16
P03C08	0.82	77.89	38.23	45:13:30	4.83
P03D08	0.82	53.18	-5.63	38:38:40	-1.75
P03E08	0.82	121.07	114.85	50:41:49	10.30
P03F08	0.82	63.63	12.92	43:49:59	3.44
P03G08	0.82	88.27	56.64	48:33:48	8.17
P03H08	0.82	91.76	62.83	50:39:05	10.26
P03A09	0.82	83.83	48.75	52:09:11	11.76
P03B09	0.82	82.64	46.64	45:34:57	5.19
P03C09	0.82	60.95	8.16	41:50:14	1.44
P03D09	0.82	55.94	-0.73	37:37:32	-2.77
P03E09	0.82	71.44	26.77	41:10:52	0.79
P03F09	0.82	65.76	16.69	41:57:44	1.57
P03G09	0.82	71.49	26.85	42:27:33	2.06
P03H09	0.82	63.35	12.41	44:54:53	4.52
P03A10	0.82	66.95	18.80	46:22:50	5.99
P03B10	0.82	82.33	46.11	48:06:38	7.72
P03C10	0.82	63.73	13.08	40:48:06	0.41
P03D10	0.82	72.33	28.36	42:28:57	2.09
P03E10	0.82	63.27	12.27	39:18:48	-1.08
P03F10	0.82	64.37	14.23	39:05:55	-1.30
P03G10	0.82	75.08	33.23	41:59:42	1.60
P03H10	0.82	67.81	20.33	43:43:15	3.33
P03A11	0.82	61.19	8.59	45:20:36	4.95
P03B11	0.82	62.04	10.09	39:42:18	-0.69
P03C11	0.82	47.04	-16.53	36:10:19	-4.22
P03D11	0.82	63.05	11.88	42:13:16	1.83
P03E11	0.82	63.89	13.37	42:00:01	1.61
P03F11	0.82	52.47	-6.90	34:17:10	-6.11
P03G11	0.82	63.67	12.98	39:25:22	-0.97

(continued on next page)

Table 1 (continued)

Compound code	Z'-factor	AUC _n	%AUC _n	CIT ₅₀	ΔCIT ₅₀
P03H11	0.82	82.02	45.56	46:43:20	6.33
P04 untreated mock-infected cells	0.85	197.50 ± 3.42	N.D.	N.D.	N.D.
P04 untreated infected cells	0.85	47.18 ± 3.94	N.D.	41:50:22	N.D.
P04A02	0.85	72.65	53.98	45:51:22	4.02
P04B02	0.85	55.98	18.66	37:48:05	-4.04
P04C02	0.85	54.79	16.13	39:37:44	-2.21
P04D02	0.85	61.37	30.07	40:57:52	-0.87
P04E02	0.85	67.17	42.37	40:19:34	-1.51
P04F02	0.85	61.90	31.20	38:47:03	-3.06
P04G02	0.85	79.73	69.00	43:10:36	1.34
P04H02	0.85	66.22	40.37	36:59:56	-4.84
P04A03	0.85	58.53	24.06	41:24:04	-0.44
P04B03	0.85	58.36	23.69	39:20:42	-2.49
P04C03	0.85	50.95	7.99	34:31:36	-7.31
P04D03	0.85	40.67	-13.79	54:00:36	12.17
P04E03	0.85	64.96	37.69	41:03:53	-0.77
P04F03	0.85	55.55	17.73	37:10:25	-4.67
P04G03	0.85	57.43	21.74	35:45:03	-6.09
P04H03	0.85	81.86	73.51	46:06:23	4.27
P04A04	0.85	41.50	-12.04	37:41:56	-4.14
P04B04	0.85	52.08	10.39	37:10:40	-4.66
P04C04	0.85	69.17	46.62	42:52:28	1.04
P04D04	0.85	58.11	23.18	40:35:12	-1.25
P04E04	0.85	72.34	53.32	47:20:21	5.50
P04F04	0.85	57.31	21.47	37:06:42	-4.73
P04G04	0.85	56.99	20.80	39:20:27	-2.50
P04H04	0.85	66.79	41.56	44:58:40	3.14
P04A05	0.85	60.17	27.53	39:10:46	-2.66
P04B05	0.85	58.53	24.06	37:19:05	-4.52
P04C05	0.85	46.68	-1.06	37:33:07	-4.29
P04D05	0.85	71.90	52.40	41:07:07	-0.72
P04E05	0.85	67.60	43.28	42:07:06	0.28
P04F05	0.85	60.52	28.29	39:08:18	-2.70
P04G05	0.85	48.17	2.11	35:18:35	-6.53
P04H05	0.85	64.12	35.91	39:57:08	-1.89
P04A06	0.85	61.05	29.41	41:01:08	-0.82
P04B06	0.85	49.68	5.30	37:12:18	-4.63
P04C06	0.85	51.36	8.86	35:22:20	-6.47
P04D06	0.85	60.48	28.20	39:28:04	-2.37
P04E06	0.85	58.53	24.06	39:28:04	-2.37
P04F06	0.85	70.50	49.44	42:43:53	0.89
P04G06	0.85	67.78	43.68	38:55:40	-2.91
P04H06	0.85	83.20	76.36	41:24:26	-0.43
P04A07	0.85	58.40	23.79	36:26:48	-5.39
P04B07	0.85	28.28	-40.05	43:01:02	1.18
P04C07	0.85	57.57	22.02	38:22:44	-3.46
P04D07	0.85	44.83	-4.98	33:21:03	-8.49
P04E07	0.85	6.97	-85.24	N.D.	N.D.
P04F07	0.85	52.11	10.46	37:25:50	-4.41
P04G07	0.85	70.81	50.09	44:56:24	3.10
P04H07	0.85	55.17	16.93	38:00:20	-3.83
P04A08	0.85	31.91	-32.36	N.D.	N.D.
P04B08	0.85	34.14	-27.64	48:19:21	6.48
P04C08	0.85	64.62	36.97	41:41:35	-0.15
P04D08	0.85	74.78	58.51	46:00:49	4.17
P04E08	0.85	79.63	68.79	45:01:24	3.18
P04F08	0.85	58.55	24.11	39:40:05	-2.17
P04G08	0.85	60.82	28.92	39:55:19	-1.92
P04H08	0.85	74.23	57.33	44:02:38	2.20
P04A09	0.85	72.88	54.47	40:43:22	-1.12
P04B09	0.85	61.12	29.54	42:15:24	0.42
P04C09	0.85	60.25	27.71	39:27:12	-2.39

(continued on next page)

Table 1 (continued)

Compound code	Z'-factor	AUC _n	%AUC _n	CIT ₅₀	ΔCIT ₅₀
P04D09	0.85	52.48	11.24	36:10:08	-5.67
P04E09	0.85	54.47	15.46	38:33:47	-3.28
P04F09	0.85	45.83	-2.87	35:27:00	-6.39
P04G09	0.85	68.10	44.34	46:09:19	4.32
P04H09	0.85	23.09	-51.05	N.D.	N.D.
P04A10	0.85	60.25	27.71	35:53:46	-5.94
P04B10	0.85	43.27	-8.29	33:10:47	-8.66
P04C10	0.85	65.58	39.00	42:59:24	1.15
P04D10	0.85	68.39	44.97	41:50:09	0.00
P04E10	0.85	51.18	8.48	34:49:08	-7.02
P04F10	0.85	41.40	-12.26	13:03:04	-28.79
P04G10	0.85	61.10	29.51	37:31:29	-4.31
P04H10	0.85	66.20	40.31	37:52:16	-3.97
P04A11	0.85	69.04	46.35	40:49:14	-1.02
P04B11	0.85	45.53	-3.50	34:26:01	-7.41
P04C11	0.85	47.52	0.73	42:53:06	1.05
P04D11	0.85	87.63	85.75	46:51:51	5.02
P04E11	0.85	48.78	3.39	35:54:20	-5.93
P04F11	0.85	51.77	9.73	37:30:33	-4.33
P04G11	0.85	59.04	25.13	38:52:16	-2.97
P04H11	0.85	76.57	62.29	44:05:15	2.25
P05 untreated mock-infected cells	0.68	215.55 ± 11.20	N.D.	N.D.	N.D.
P05 untreated infected cells	0.68	52.16 ± 6.37	N.D.	47:43:17	N.D.
P05A02	0.68	68.32	30.97	51:38:12	3.92
P05B02	0.68	56.50	8.32	52:57:55	5.24
P05C02	0.68	46.66	-10.55	46:50:38	-0.88
P05D02	0.68	54.93	5.30	49:20:40	1.62
P05E02	0.68	53.72	2.99	48:42:54	0.99
P05F02	0.68	58.27	11.71	50:42:54	2.99
P05G02	0.68	68.52	31.35	50:32:44	2.82
P05H02	0.68	105.56	102.36	56:31:05	8.80
P05A03	0.68	70.52	35.19	51:09:05	3.43
P05B03	0.68	73.86	41.59	52:51:35	5.14
P05C03	0.68	55.07	5.56	46:48:27	-0.91
P05D03	0.68	162.81	212.12	55:14:00	7.51
P05E03	0.68	98.43	88.70	46:36:54	-1.11
P05F03	0.68	72.88	39.72	50:13:00	2.50
P05G03	0.68	70.21	34.60	50:42:42	2.99
P05H03	0.68	72.43	38.86	50:25:41	2.71
P05A04	0.68	53.76	3.06	46:58:25	-0.75
P05B04	0.68	68.87	32.02	50:55:35	3.21
P05C04	0.68	62.65	20.11	52:04:12	4.35
P05D04	0.68	57.41	10.05	48:50:32	1.12
P05E04	0.68	40.68	-22.01	N.D.	N.D.
P05F04	0.68	51.89	-0.53	46:39:16	-1.07
P05G04	0.68	79.85	53.07	54:52:55	7.16
P05H04	0.68	73.52	40.95	51:15:56	3.54
P05A05	0.68	63.71	22.14	44:07:41	-3.59
P05B05	0.68	52.69	1.01	47:04:52	-0.64
P05C05	0.68	51.40	-1.46	47:23:04	-0.34
P05D05	0.68	54.80	5.06	50:50:38	3.12
P05E05	0.68	43.92	-15.80	43:41:22	-4.03
P05F05	0.68	55.86	7.09	47:17:34	-0.43
P05G05	0.68	61.63	18.14	53:04:16	5.35
P05H05	0.68	56.36	8.04	50:42:35	2.99
P05A06	0.68	59.69	14.43	50:06:45	2.39
P05B06	0.68	45.10	-13.53	48:40:57	0.96
P05C06	0.68	71.31	36.70	51:29:58	3.78
P05D06	0.68	89.55	71.67	51:13:33	3.50
P05E06	0.68	24.36	-53.30	N.D.	N.D.
P05F06	0.68	49.20	-5.69	50:52:28	3.15
P05G06	0.68	6.45	-87.64	N.D.	N.D.
P05H06	0.68	64.90	24.41	48:24:47	0.69

(continued on next page)

Table 1 (continued)

Compound code	Z'-factor	AUC _n	%AUC _n	CIT ₅₀	ΔCIT ₅₀
P05A07	0.68	67.19	28.80	51:21:57	3.64
P05B07	0.68	58.18	11.54	47:29:31	-0.23
P05C07	0.68	45.34	-13.07	46:33:14	-1.17
P05D07	0.68	57.27	9.79	51:35:40	3.87
P05E07	0.68	57.19	9.65	50:23:01	2.66
P05F07	0.68	59.93	14.89	51:38:59	3.93
P05G07	0.68	44.35	-14.97	N.D.	N.D.
P05H07	0.68	47.89	-8.19	41:08:13	-6.58
P05A08	0.68	58.29	11.74	46:58:37	-0.74
P05B08	0.68	55.35	6.10	48:23:27	0.67
P05C08	0.68	43.25	-17.08	49:26:06	1.71
P05D08	0.68	54.34	4.17	51:19:22	3.60
P05E08	0.68	49.04	-6.00	50:21:05	2.63
P05F08	0.68	63.72	22.16	53:47:48	6.08
P05G08	0.68	80.68	54.66	60:05:45	12.37
P05H08	0.68	52.80	1.22	N.D.	N.D.
P05A09	0.68	61.16	17.24	48:53:04	1.16
P05B09	0.68	75.90	45.50	48:38:40	0.92
P05C09	0.68	70.97	36.05	58:39:04	10.93
P05D09	0.68	66.99	28.42	52:32:29	4.82
P05E09	0.68	119.03	128.19	66:20:29	18.62
P05F09	0.68	47.40	-9.14	43:54:30	-3.81
P05G09	0.68	133.70	156.31	56:32:25	8.82
P05H09	0.68	58.62	12.39	46:24:37	-1.31
P05A10	0.68	55.78	6.93	46:10:57	-1.54
P05B10	0.68	67.02	28.48	51:06:03	3.38
P05C10	0.68	80.84	54.98	55:57:13	8.23
P05D10	0.68	53.06	1.73	50:21:55	2.64
P05E10	0.68	59.48	14.03	48:03:25	0.34
P05F10	0.68	55.96	7.28	48:13:33	0.50
P05G10	0.68	57.37	9.98	48:08:18	0.42
P05H10	0.68	72.34	38.68	58:16:44	10.56
P05A11	0.68	53.13	1.86	47:39:57	-0.06
P05B11	0.68	65.81	26.17	55:53:24	8.17
P05C11	0.68	56.79	8.88	51:08:45	3.42
P05D11	0.68	56.77	8.82	52:19:17	4.60
P05E11	0.68	44.19	-15.29	49:33:52	1.84
P05F11	0.68	70.24	34.65	54:52:24	7.15
P05G11	0.68	60.71	16.38	50:21:13	2.63
P05H11	0.68	61.53	17.96	51:09:37	3.44
P06 untreated mock-infected cells	0.71	182.91 ± 10.37	N.D.	N.D.	N.D.
P06 untreated infected cells	0.71	42.31 ± 3.33	N.D.	39:58:52	N.D.
P06A02	0.71	49.11	16.07	43:45:03	3.77
P06B02	0.71	51.26	21.15	43:18:17	3.32
P06C02	0.71	63.71	50.59	53:25:04	13.44
P06D02	0.71	57.68	36.34	46:10:47	6.20
P06E02	0.71	38.01	-10.16	14:20:30	-25.64
P06F02	0.71	55.53	31.26	47:00:29	7.03
P06G02	0.71	59.30	40.17	47:39:03	7.67
P06H02	0.71	47.40	12.04	38:03:37	-1.92
P06A03	0.71	58.68	38.69	44:50:06	4.85
P06B03	0.71	14.24	-66.34	N.D.	N.D.
P06C03	0.71	52.77	24.73	44:56:50	4.97
P06D03	0.71	53.94	27.51	38:44:01	-1.25
P06E03	0.71	60.88	43.89	49:49:34	9.84
P06F03	0.71	54.23	28.19	47:52:04	7.89
P06G03	0.71	30.65	-27.56	N.D.	N.D.
P06H03	0.71	51.52	21.78	45:43:41	5.75
P06A04	0.71	48.53	14.72	41:44:27	1.76
P06B04	0.71	46.61	10.18	42:18:14	2.32
P06C04	0.71	47.01	11.11	44:34:57	4.60
P06D04	0.71	55.35	30.83	49:43:13	9.74
P06E04	0.71	48.13	13.77	47:21:51	7.38

(continued on next page)

Table 1 (continued)

Compound code	Z'-factor	AUC _n	%AUC _n	CIT ₅₀	ΔCIT ₅₀
P06F04	0.71	46.29	9.42	43:17:27	3.31
P06G04	0.71	60.09	42.04	51:46:59	11.80
P06H04	0.71	48.99	15.81	44:23:59	4.42
P06A05	0.71	54.96	29.90	47:21:32	7.38
P06B05	0.71	94.73	123.92	71:33:12	31.57
P06C05	0.71	80.54	90.38	51:58:37	12.00
P06D05	0.71	45.20	6.84	42:26:02	2.45
P06E05	0.71	51.18	20.98	45:59:27	6.01
P06F05	0.71	58.14	37.42	46:55:54	6.95
P06G05	0.71	49.01	15.85	42:57:44	2.98
P06H05	0.71	50.90	20.32	46:08:11	6.16
P06A06	0.71	38.22	-9.66	39:27:16	-0.53
P06B06	0.71	42.19	-0.27	43:44:15	3.76
P06C06	0.71	43.62	3.10	41:46:27	1.79
P06D06	0.71	43.59	3.02	40:53:52	0.92
P06E06	0.71	54.47	28.76	40:53:52	0.92
P06F06	0.71	50.40	19.12	46:45:58	6.79
P06G06	0.71	47.36	11.95	48:42:25	8.73
P06H06	0.71	44.68	5.60	43:31:37	3.55
P06A07	0.71	50.35	19.02	46:30:44	6.53
P06B07	0.71	48.21	13.95	43:54:37	3.93
P06C07	0.71	49.38	16.71	46:00:01	6.02
P06D07	0.71	31.01	-26.70	N.D.	N.D.
P06E07	0.71	52.44	23.95	47:19:44	7.35
P06F07	0.71	53.65	26.80	44:24:38	4.43
P06G07	0.71	43.48	2.78	46:30:01	6.52
P06H07	0.71	29.32	-30.70	N.D.	N.D.
P06A08	0.71	47.89	13.19	44:14:44	4.26
P06B08	0.71	49.88	17.90	46:13:16	6.24
P06C08	0.71	41.64	-1.57	46:15:28	6.28
P06D08	0.71	48.12	13.75	36:55:24	-3.06
P06E08	0.71	61.02	44.24	39:51:05	-0.13
P06F08	0.71	57.34	35.52	50:26:56	10.47
P06G08	0.71	50.18	18.61	46:50:11	6.86
P06H08	0.71	58.12	37.38	46:59:46	7.02
P06A09	0.71	51.18	20.98	44:16:48	4.30
P06B09	0.71	41.99	-0.74	43:00:17	3.02
P06C09	0.71	19.33	-54.31	N.D.	N.D.
P06D09	0.71	18.13	-57.14	N.D.	N.D.
P06E09	0.71	53.08	25.48	42:26:04	2.45
P06F09	0.71	47.10	11.33	42:34:19	2.59
P06G09	0.71	49.85	17.82	46:11:19	6.21
P06H09	0.71	39.36	-6.98	43:33:36	3.58
P06A10	0.71	84.39	99.48	74:23:49	34.42
P06B10	0.71	51.83	22.50	44:18:10	4.32
P06C10	0.71	43.00	1.64	43:08:58	3.17
P06D10	0.71	49.64	17.34	47:27:47	7.48
P06E10	0.71	55.90	32.14	47:38:38	7.66
P06F10	0.71	18.43	-56.44	N.D.	N.D.
P06G10	0.71	48.55	14.76	44:24:41	4.43
P06H10	0.71	48.44	14.49	42:46:27	2.79
P06A11	0.71	45.25	6.96	43:00:13	3.02
P06B11	0.71	44.74	5.74	46:24:21	6.42
P06C11	0.71	53.55	26.59	49:18:44	9.33
P06D11	0.71	53.89	27.38	46:41:37	6.71
P06E11	0.71	52.38	23.81	46:29:19	6.51
P06F11	0.71	56.55	33.67	47:53:11	7.91
P06G11	0.71	41.65	-1.55	41:59:45	2.01
P06H11	0.71	8.63	-79.61	N.D.	N.D.
P07 untreated mock-infected cells	0.54	191.67 ± 5.99	N.D.	N.D.	N.D.
P07 untreated infected cells	0.54	69.77 ± 12.53	N.D.	52:37:50	N.D.

(continued on next page)

Table 1 (continued)

Compound code	Z'-factor	AUC _n	%AUC _n	CIT ₅₀	ΔCIT ₅₀
P07A02	0.54	55.35	-20.68	51:52:58	-0.75
P07B02	0.54	63.63	-8.81	51:58:26	-0.66
P07C02	0.54	70.07	0.43	50:08:19	-2.49
P07D02	0.54	107.71	54.36	56:28:23	3.84
P07E02	0.54	81.09	16.22	45:03:18	-7.58
P07F02	0.54	81.39	16.64	44:57:36	-7.67
P07G02	0.54	183.19	162.54	65:13:08	12.59
P07H02	0.54	73.48	5.31	49:42:58	-2.91
P07A03	0.54	62.11	-10.98	53:34:47	0.95
P07B03	0.54	99.13	42.07	46:48:12	-5.83
P07C03	0.54	83.09	19.08	45:24:08	-7.23
P07D03	0.54	72.73	4.24	51:45:19	-0.88
P07E03	0.54	79.68	14.19	43:51:48	-8.77
P07F03	0.54	74.09	6.18	51:49:41	-0.80
P07G03	0.54	67.21	-3.67	44:37:00	-8.01
P07H03	0.54	65.85	-5.63	43:50:33	-8.79
P07A04	0.54	61.80	-11.43	43:58:56	-8.65
P07B04	0.54	59.24	-15.10	47:22:04	-5.26
P07C04	0.54	57.85	-17.09	44:44:31	-7.89
P07D04	0.54	78.41	12.38	51:31:39	-1.10
P07E04	0.54	66.97	-4.02	46:19:06	-6.31
P07F04	0.54	58.73	-15.83	42:16:54	-10.35
P07G04	0.54	85.80	22.97	45:30:54	-7.12
P07H04	0.54	91.37	30.95	44:42:13	-7.93
P07A05	0.54	72.74	4.25	46:25:17	-6.21
P07B05	0.54	58.86	-15.65	47:43:05	-4.91
P07C05	0.54	69.20	-0.82	45:31:46	-7.10
P07D05	0.54	64.68	-7.30	52:00:11	-0.63
P07E05	0.54	48.76	-30.12	49:51:13	-2.78
P07F05	0.54	53.40	-23.47	42:11:58	-10.43
P07G05	0.54	87.25	25.04	47:52:43	-4.75
P07H05	0.54	76.63	9.82	46:16:36	-6.35
P07A06	0.54	75.90	8.78	53:36:46	0.98
P07B06	0.54	88.66	27.06	59:04:02	6.44
P07C06	0.54	95.48	36.83	60:54:00	8.27
P07D06	0.54	61.75	-11.50	49:14:44	-3.39
P07E06	0.54	60.82	-12.84	49:14:44	-3.39
P07F06	0.54	76.04	8.98	48:51:32	-3.77
P07G06	0.54	77.19	10.64	49:19:17	-3.31
P07H06	0.54	147.26	111.05	47:35:28	-5.04
P07A07	0.54	95.61	37.03	49:59:45	-2.63
P07B07	0.54	59.19	-15.17	42:45:14	-9.88
P07C07	0.54	57.82	-17.13	45:54:24	-6.72
P07D07	0.54	16.78	-75.94	N.D.	N.D.
P07E07	0.54	72.21	3.49	49:03:54	-3.57
P07F07	0.54	68.99	-1.12	48:37:02	-4.01
P07G07	0.54	55.73	-20.13	40:14:57	-12.38
P07H07	0.54	21.15	-69.69	N.D.	N.D.
P07A08	0.54	23.23	-66.71	N.D.	N.D.
P07B08	0.54	68.36	-2.03	43:55:41	-8.70
P07C08	0.54	38.00	-45.54	39:23:08	-13.25
P07D08	0.54	59.11	-15.28	42:26:48	-10.18
P07E08	0.54	67.28	-3.58	48:53:59	-3.73
P07F08	0.54	66.44	-4.78	45:13:17	-7.41
P07G08	0.54	68.72	-1.51	46:29:14	-6.14
P07H08	0.54	62.98	-9.74	46:16:45	-6.35
P07A09	0.54	78.27	12.17	50:53:44	-1.74
P07B09	0.54	65.70	-5.85	44:34:09	-8.06
P07C09	0.54	63.48	-9.01	48:56:57	-3.68
P07D09	0.54	120.95	73.34	53:31:34	0.90
P07E09	0.54	59.37	-14.91	42:12:48	-10.42

(continued on next page)

Table 1 (continued)

Compound code	Z'-factor	AUC _n	%AUC _n	CIT ₅₀	ΔCIT ₅₀
P07F09	0.54	75.92	8.81	46:29:49	-6.13
P07G09	0.54	71.68	2.73	50:11:53	-2.43
P07H09	0.54	78.02	11.82	45:09:03	-7.48
P07A10	0.54	33.49	-52.01	N.D.	N.D.
P07B10	0.54	83.72	19.99	52:40:18	0.04
P07C10	0.54	59.43	-14.83	47:09:56	-5.47
P07D10	0.54	69.63	-0.21	49:18:10	-3.33
P07E10	0.54	74.78	7.18	46:38:29	-5.99
P07F10	0.54	74.52	6.80	45:07:57	-7.50
P07G10	0.54	66.58	-4.58	41:20:03	-11.30
P07H10	0.54	99.09	42.01	48:26:05	-4.20
P07A11	0.54	65.71	-5.82	50:50:04	-1.80
P07B11	0.54	74.74	7.12	49:53:25	-2.74
P07C11	0.54	61.29	-12.16	48:02:16	-4.59
P07D11	0.54	66.71	-4.39	44:26:40	-8.19
P07E11	0.54	73.24	4.97	46:13:06	-6.41
P07F11	0.54	68.54	-1.77	43:34:31	-9.06
P07G11	0.54	0.52	-99.26	N.D.	N.D.
P07H11	0.54	86.23	23.59	46:42:36	-5.92
P08 untreated mock-infected cells	0.58	234.11 ± 18.80	N.D.	N.D.	N.D.
P08 untreated infected cells	0.58	60.66 ± 5.19	N.D.	43:40:48	N.D.
P08A02	0.58	66.36	9.39	42:27:39	-1.22
P08B02	0.58	82.87	36.62	49:28:11	5.79
P08C02	0.58	74.12	22.19	44:26:43	0.77
P08D02	0.58	77.71	28.12	46:14:25	2.56
P08E02	0.58	33.63	-44.55	N.D.	N.D.
P08F02	0.58	46.34	-23.61	45:02:31	1.36
P08G02	0.58	71.54	17.93	46:28:49	2.80
P08H02	0.58	66.96	10.38	43:05:25	-0.59
P08A03	0.58	102.84	69.54	50:38:36	6.96
P08B03	0.58	143.03	135.80	41:09:40	-2.52
P08C03	0.58	132.33	118.16	46:02:12	2.36
P08D03	0.58	68.05	12.19	44:46:07	1.09
P08E03	0.58	77.45	27.68	49:43:17	6.04
P08F03	0.58	51.85	-14.53	45:47:55	2.12
P08G03	0.58	57.97	-4.44	38:56:27	-4.74
P08H03	0.58	69.85	15.15	41:09:37	-2.52
P08A04	0.58	89.58	47.68	44:51:34	1.18
P08B04	0.58	109.52	80.55	45:15:12	1.57
P08C04	0.58	101.25	66.93	39:46:21	-3.91
P08D04	0.58	90.81	49.71	49:51:18	6.17
P08E04	0.58	71.35	17.63	47:19:29	3.64
P08F04	0.58	68.35	12.68	66:56:20	23.26
P08G04	0.58	64.19	5.83	40:36:12	-3.08
P08H04	0.58	90.63	49.41	48:12:59	4.54
P08A05	0.58	101.31	67.01	48:23:24	4.71
P08B05	0.58	89.45	47.46	50:07:05	6.44
P08C05	0.58	93.64	54.37	50:04:00	6.39
P08D05	0.58	65.62	8.19	43:17:26	-0.39
P08E05	0.58	1.96	-96.76	N.D.	N.D.
P08F05	0.58	12.21	-79.87	N.D.	N.D.
P08G05	0.58	67.40	11.12	43:21:51	-0.32
P08H05	0.58	106.15	75.00	42:38:27	-1.04
P08A06	0.58	92.21	52.02	47:32:36	3.86
P08B06	0.58	70.57	16.34	48:49:49	5.15
P08C06	0.58	79.18	30.53	44:25:33	0.75
P08D06	0.58	62.82	3.57	48:31:41	4.85
P08E06	0.58	79.33	30.78	48:31:41	4.85
P08F06	0.58	97.87	61.35	48:29:26	4.81
P08G06	0.58	66.57	9.75	40:12:17	-3.48
P08H06	0.58	110.86	82.75	48:13:25	4.54
P08A07	0.58	95.77	57.88	44:47:49	1.12

(continued on next page)

Table 1 (continued)

Compound code	Z'-factor	AUC _n	%AUC _n	CIT ₅₀	ΔCIT ₅₀
P08B07	0.58	91.94	51.56	45:40:24	1.99
P08C07	0.58	104.10	71.61	46:52:32	3.20
P08D07	0.58	71.44	17.77	48:13:38	4.55
P08E07	0.58	63.97	5.46	45:56:03	2.25
P08F07	0.58	106.48	75.54	55:17:19	11.61
P08G07	0.58	66.17	9.08	46:24:30	2.73
P08H07	0.58	96.28	58.72	45:38:47	1.97
P08A08	0.58	107.82	77.75	48:40:04	4.99
P08B08	0.58	104.22	71.81	45:33:29	1.88
P08C08	0.58	65.65	8.23	N.D.	N.D.
P08D08	0.58	71.17	17.32	47:36:53	3.93
P08E08	0.58	63.01	3.88	44:30:37	0.83
P08F08	0.58	98.05	61.64	54:31:32	10.85
P08G08	0.58	70.61	16.40	44:12:06	0.52
P08H08	0.58	67.83	11.83	40:38:36	-3.04
P08A09	0.58	73.65	21.42	46:19:07	2.64
P08B09	0.58	70.26	15.82	45:26:15	1.76
P08C09	0.58	63.28	4.32	43:11:34	-0.49
P08D09	0.58	94.33	55.52	44:37:10	0.94
P08E09	0.58	61.69	1.70	47:14:19	3.56
P08F09	0.58	58.02	-4.35	42:08:50	-1.53
P08G09	0.58	100.35	65.44	41:27:24	-2.22
P08H09	0.58	84.20	38.81	48:36:15	4.92
P08A10	0.58	59.48	-1.94	49:14:08	5.56
P08B10	0.58	68.19	12.41	41:25:45	-2.25
P08C10	0.58	74.39	22.64	45:18:12	1.62
P08D10	0.58	56.73	-6.47	44:11:40	0.51
P08E10	0.58	62.00	2.22	37:59:18	-5.69
P08F10	0.58	73.11	20.53	48:47:17	5.11
P08G10	0.58	70.31	15.91	42:06:01	-1.58
P08H10	0.58	70.29	15.87	41:45:03	-1.93
P08A11	0.58	42.82	-29.41	N.D.	N.D.
P08B11	0.58	80.97	33.49	53:53:55	10.22
P08C11	0.58	67.18	10.75	44:21:23	0.68
P08D11	0.58	99.74	64.43	47:53:25	4.21
P08E11	0.58	68.53	12.98	48:29:42	4.81
P08F11	0.58	63.90	5.34	45:05:08	1.41
P08G11	0.58	63.90	5.35	40:36:29	-3.07
P08H11	0.58	85.63	41.16	48:26:30	4.76
P09 untreated mock-infected cells	0.56	284.10 ± 27.03	N.D.	N.D.	N.D.
P09 untreated infected cells	0.56	61.25 ± 5.35	N.D.	46:25:57	N.D.
P09A02	0.56	76.21	24.43	48:02:41	1.61
P09B02	0.56	70.20	14.62	41:14:35	-5.19
P09C02	0.56	55.82	-8.86	45:02:13	-1.40
P09D02	0.56	51.61	-15.73	41:37:56	-4.80
P09E02	0.56	53.87	-12.05	44:42:44	-1.72
P09F02	0.56	57.59	-5.98	44:44:02	-1.70
P09G02	0.56	77.75	26.95	49:44:14	3.30
P09H02	0.56	65.51	6.95	41:25:29	-5.01
P09A03	0.56	41.78	-31.79	42:08:29	-4.29
P09B03	0.56	70.74	15.50	46:37:40	0.20
P09C03	0.56	70.86	15.69	46:43:11	0.29
P09D03	0.56	60.47	-1.27	48:27:00	2.02
P09E03	0.56	76.46	24.83	51:20:29	4.91
P09F03	0.56	84.60	38.12	52:17:48	5.86
P09G03	0.56	63.43	3.57	45:27:04	-0.98
P09H03	0.56	75.92	23.96	46:53:51	0.47
P09A04	0.56	47.24	-22.87	36:11:32	-10.24
P09B04	0.56	74.62	21.83	47:26:26	1.01
P09C04	0.56	59.54	-2.80	42:09:24	-4.28
P09D04	0.56	58.76	-4.06	42:48:22	-3.63

(continued on next page)

Table 1 (continued)

Compound code	Z'-factor	AUC _n	%AUC _n	CIT ₅₀	ΔCIT ₅₀
P09E04	0.56	47.81	-21.94	42:38:31	-3.79
P09F04	0.56	64.35	5.07	47:05:17	0.66
P09G04	0.56	50.78	-17.10	41:12:13	-5.23
P09H04	0.56	47.55	-22.37	40:29:31	-5.94
P09A05	0.56	72.02	17.58	40:53:38	-5.54
P09B05	0.56	66.73	8.94	42:27:09	-3.98
P09C05	0.56	53.54	-12.59	42:14:47	-4.19
P09D05	0.56	57.27	-6.49	45:28:30	-0.96
P09E05	0.56	58.96	-3.74	46:16:15	-0.16
P09F05	0.56	48.58	-20.68	40:09:05	-6.28
P09G05	0.56	61.82	0.94	43:38:32	-2.79
P09H05	0.56	65.24	6.51	43:42:48	-2.72
P09A06	0.56	71.41	16.58	43:24:31	-3.02
P09B06	0.56	55.83	-8.84	44:03:17	-2.38
P09C06	0.56	54.89	-10.38	42:45:48	-3.67
P09D06	0.56	42.69	-30.31	47:23:08	0.95
P09E06	0.56	64.59	5.46	47:23:08	0.95
P09F06	0.56	50.94	-16.83	53:17:19	6.86
P09G06	0.56	14.63	-76.12	N.D.	N.D.
P09H06	0.56	52.29	-14.62	43:35:09	-2.85
P09A07	0.56	20.51	-66.52	N.D.	N.D.
P09B07	0.56	35.20	-42.54	31:28:58	-14.95
P09C07	0.56	48.88	-20.20	42:15:55	-4.17
P09D07	0.56	57.74	-5.73	44:54:46	-1.52
P09E07	0.56	39.26	-35.90	N.D.	N.D.
P09F07	0.56	49.68	-18.89	43:09:30	-3.27
P09G07	0.56	64.27	4.93	49:00:41	2.58
P09H07	0.56	100.65	64.33	55:56:47	9.51
P09A08	0.56	53.17	-13.19	46:59:30	0.56
P09B08	0.56	70.94	15.83	40:13:25	-6.21
P09C08	0.56	57.53	-6.07	43:59:13	-2.45
P09D08	0.56	31.91	-47.91	34:35:33	-11.84
P09E08	0.56	62.18	1.52	48:16:47	1.85
P09F08	0.56	66.10	7.91	46:15:08	-0.18
P09G08	0.56	61.29	0.07	45:01:27	-1.41
P09H08	0.56	1.13	-98.16	N.D.	N.D.
P09A09	0.56	55.72	-9.03	44:34:05	-1.86
P09B09	0.56	37.80	-38.28	38:17:08	-8.15
P09C09	0.56	34.48	-43.71	37:24:34	-9.02
P09D09	0.56	61.12	-0.21	43:57:20	-2.48
P09E09	0.56	44.92	-26.67	41:32:44	-4.89
P09F09	0.56	70.50	15.11	50:32:10	4.10
P09G09	0.56	24.31	-60.32	N.D.	N.D.
P09H09	0.56	47.46	-22.51	38:29:29	-7.94
P09A10	0.56	57.05	-6.86	44:21:49	-2.07
P09B10	0.56	56.21	-8.23	45:03:48	-1.37
P09C10	0.56	78.00	27.34	47:21:08	0.92
P09D10	0.56	54.41	-11.16	40:45:55	-5.67
P09E10	0.56	64.28	4.95	50:09:37	3.73
P09F10	0.56	42.27	-30.98	45:37:22	-0.81
P09G10	0.56	52.00	-15.10	41:53:33	-4.54
P09H10	0.56	62.80	2.53	43:05:28	-3.34
P09A11	0.56	66.61	8.76	45:48:27	-0.62
P09B11	0.56	58.91	-3.83	40:31:39	-5.90
P09C11	0.56	53.00	-13.47	41:18:44	-5.12
P09D11	0.56	57.03	-6.89	42:20:13	-4.10
P09E11	0.56	47.85	-21.87	42:58:33	-3.46
P09F11	0.56	54.11	-11.66	44:29:00	-1.95
P09G11	0.56	38.71	-36.79	33:42:14	-12.73
P09H11	0.56	60.57	-1.11	42:58:10	-3.46
P10 untreated mock-infected cells	0.59	294.24 ± 26.36	N.D.	N.D.	N.D.
P10 untreated infected cells	0.59	50.08 ± 6.86	N.D.	46:19:34	N.D.

(continued on next page)

Table 1 (continued)

Compound code	Z'-factor	AUC _n	%AUC _n	CIT ₅₀	ΔCIT ₅₀
P10A02	0.59	63.70	27.18	46:40:36	0.35
P10B02	0.59	69.06	37.88	46:21:30	0.03
P10C02	0.59	64.63	29.05	46:33:52	0.24
P10D02	0.59	65.26	30.30	44:09:07	-2.17
P10E02	0.59	45.74	-8.68	43:22:22	-2.95
P10F02	0.59	62.80	25.39	49:12:38	2.88
P10G02	0.59	38.66	-22.81	36:38:49	-9.68
P10H02	0.59	38.43	-23.27	39:23:10	-6.94
P10A03	0.59	39.35	-21.43	40:14:27	-6.09
P10B03	0.59	50.98	1.79	43:54:53	-2.41
P10C03	0.59	58.82	17.44	45:51:49	-0.46
P10D03	0.59	41.03	-18.08	44:01:30	-2.30
P10E03	0.59	46.59	-6.97	40:07:36	-6.20
P10F03	0.59	45.62	-8.91	42:36:07	-3.72
P10G03	0.59	8.14	-83.75	N.D.	N.D.
P10H03	0.59	72.02	43.80	47:16:09	0.94
P10A04	0.59	45.57	-9.02	42:50:00	-3.49
P10B04	0.59	63.69	27.17	44:38:53	-1.68
P10C04	0.59	42.40	-15.35	38:07:01	-8.21
P10D04	0.59	79.21	58.16	47:40:19	1.35
P10E04	0.59	57.16	14.13	46:32:56	0.22
P10F04	0.59	62.86	25.51	44:51:49	-1.46
P10G04	0.59	76.78	53.31	45:33:46	-0.76
P10H04	0.59	64.88	29.55	51:21:53	5.04
P10A05	0.59	34.59	-30.93	36:20:54	-9.98
P10B05	0.59	36.83	-26.46	35:39:28	-10.67
P10C05	0.59	50.73	1.29	45:55:41	-0.40
P10D05	0.59	46.43	-7.29	45:21:08	-0.97
P10E05	0.59	56.05	11.91	43:43:18	-2.60
P10F05	0.59	44.86	-10.43	37:49:38	-8.50
P10G05	0.59	41.24	-17.66	38:23:30	-7.93
P10H05	0.59	60.77	21.33	44:52:48	-1.45
P10A06	0.59	48.38	-3.41	41:23:49	-4.93
P10B06	0.59	3.00	-94.02	N.D.	N.D.
P10C06	0.59	53.68	7.18	41:32:53	-4.78
P10D06	0.59	44.40	-11.35	42:24:22	-3.92
P10E06	0.59	28.36	-43.38	42:24:22	-3.92
P10F06	0.59	37.12	-25.89	39:12:14	-7.12
P10G06	0.59	42.26	-15.63	37:33:41	-8.76
P10H06	0.59	0.65	-98.71	N.D.	N.D.
P10A07	0.59	57.88	15.56	46:28:10	0.14
P10B07	0.59	53.58	6.98	42:26:01	-3.89
P10C07	0.59	1.67	-96.67	N.D.	N.D.
P10D07	0.59	37.51	-25.11	47:11:47	0.87
P10E07	0.59	50.02	-0.13	41:24:03	-4.93
P10F07	0.59	42.16	-15.82	39:03:05	-7.27
P10G07	0.59	39.03	-22.07	41:47:24	-4.54
P10H07	0.59	59.39	18.58	47:04:07	0.74
P10A08	0.59	60.39	20.58	39:13:48	-7.10
P10B08	0.59	55.63	11.08	39:13:36	-7.10
P10C08	0.59	38.15	-23.83	38:19:04	-8.01
P10D08	0.59	60.53	20.85	43:24:28	-2.92
P10E08	0.59	52.32	4.47	43:27:48	-2.86
P10F08	0.59	158.99	217.45	N.D.	N.D.
P10G08	0.59	43.88	-12.40	41:50:06	-4.49
P10H08	0.59	48.96	-2.25	47:05:25	0.76
P10A09	0.59	56.97	13.74	45:46:27	-0.55
P10B09	0.59	62.12	24.03	44:03:11	-2.27
P10C09	0.59	59.96	19.72	71:51:03	25.52
P10D09	0.59	58.25	16.32	47:13:31	0.90
P10E09	0.59	121.16	141.92	75:20:35	29.02
P10F09	0.59	66.87	33.52	52:51:43	6.54

(continued on next page)

Table 1 (continued)

Compound code	Z'-factor	AUC _n	%AUC _n	CIT ₅₀	ΔCIT ₅₀
P10G09	0.59	43.44	-13.27	36:00:49	-10.31
P10H09	0.59	43.74	-12.67	45:05:30	-1.23
P10A10	0.59	54.96	9.73	43:19:28	-3.00
P10B10	0.59	119.98	139.55	52:49:34	6.50
P10C10	0.59	71.39	42.54	49:30:54	3.19
P10D10	0.59	55.88	11.58	46:36:10	0.28
P10E10	0.59	48.46	-3.25	40:53:46	-5.43
P10F10	0.59	57.13	14.07	43:28:01	-2.86
P10G10	0.59	69.29	38.34	48:21:55	2.04
P10H10	0.59	68.13	36.03	46:42:18	0.38
P10A11	0.59	66.46	32.71	45:22:26	-0.95
P10B11	0.59	5.31	-89.40	N.D.	N.D.
P10C11	0.59	49.86	-0.44	41:07:00	-5.21
P10D11	0.59	53.01	5.84	45:55:42	-0.40
P10E11	0.59	51.47	2.77	42:47:20	-3.54
P10F11	0.59	43.73	-12.68	43:21:50	-2.96
P10G11	0.59	23.71	-52.65	N.D.	N.D.
P10H11	0.59	90.18	80.06	55:03:21	8.73
P11 untreated mock-infected cells	0.79	235.76 ± 9.34	N.D.	N.D.	N.D.
P11 untreated infected cells	0.79	53.01 ± 3.26	N.D.	42:13:36	N.D.
P11A02	0.79	64.21	21.12	46:16:25	4.05
P11B02	0.79	54.02	1.89	45:08:34	2.92
P11C02	0.79	54.50	2.80	42:01:55	-0.19
P11D02	0.79	61.01	15.08	45:55:24	3.70
P11E02	0.79	20.39	-61.54	N.D.	N.D.
P11F02	0.79	47.39	-10.61	41:25:38	-0.80
P11G02	0.79	55.21	4.14	41:21:32	-0.87
P11H02	0.79	7.23	-86.35	N.D.	N.D.
P11A03	0.79	64.21	21.12	42:43:22	0.50
P11B03	0.79	54.02	1.89	44:47:28	2.56
P11C03	0.79	54.50	2.80	41:04:50	-1.15
P11D03	0.79	61.01	15.08	42:23:44	0.17
P11E03	0.79	20.39	-61.54	51:15:05	9.02
P11F03	0.79	47.39	-10.61	46:04:55	3.86
P11G03	0.79	55.21	4.14	42:41:09	0.46
P11H03	0.79	7.23	-86.35	42:54:57	0.69
P11A04	0.79	58.41	10.17	42:55:17	0.69
P11B04	0.79	51.11	-3.59	42:20:48	0.12
P11C04	0.79	47.35	-10.68	42:02:35	-0.18
P11D04	0.79	55.42	4.55	46:03:40	3.83
P11E04	0.79	55.82	5.29	44:13:05	1.99
P11F04	0.79	56.64	6.84	39:42:13	-2.52
P11G04	0.79	58.65	10.64	44:03:24	1.83
P11H04	0.79	55.95	5.55	41:03:29	-1.17
P11A05	0.79	53.01	0.00	34:22:56	-7.84
P11B05	0.79	49.30	-7.01	42:23:30	0.17
P11C05	0.79	55.65	4.98	45:12:39	2.98
P11D05	0.79	53.31	0.56	44:30:05	2.27
P11E05	0.79	56.38	6.35	47:01:18	4.80
P11F05	0.79	45.00	-15.12	40:44:54	-1.48
P11G05	0.79	45.88	-13.45	40:58:27	-1.25
P11H05	0.79	52.21	-1.51	41:27:11	-0.77
P11A06	0.79	59.10	11.49	36:16:59	-5.94
P11B06	0.79	64.86	22.35	46:52:59	4.66
P11C06	0.79	52.58	-0.83	46:22:02	4.14
P11D06	0.79	64.93	22.48	45:22:24	3.15
P11E06	0.79	50.03	-5.62	45:22:24	3.15
P11F06	0.79	63.17	19.16	39:32:43	-2.68
P11G06	0.79	13.48	-74.57	N.D.	N.D.
P11H06	0.79	51.96	-1.98	40:16:43	-1.95
P11A07	0.79	76.29	43.91	43:55:19	1.70
P11B07	0.79	55.92	5.49	36:44:32	-5.48

(continued on next page)

Table 1 (continued)

Compound code	Z'-factor	AUC _n	%AUC _n	CIT ₅₀	ΔCIT ₅₀
P11C07	0.79	48.53	-8.46	45:19:12	3.09
P11D07	0.79	52.88	-0.25	43:11:29	0.96
P11E07	0.79	50.48	-4.77	43:36:23	1.38
P11F07	0.79	45.54	-14.10	40:03:53	-2.16
P11G07	0.79	47.54	-10.32	42:18:25	0.08
P11H07	0.79	66.66	25.75	46:37:20	4.40
P11A08	0.79	58.11	9.61	37:38:24	-4.59
P11B08	0.79	52.86	-0.29	39:00:32	-3.22
P11C08	0.79	51.33	-3.17	43:06:52	0.89
P11D08	0.79	54.11	2.08	44:39:03	2.42
P11E08	0.79	55.71	5.08	46:45:48	4.54
P11F08	0.79	53.69	1.28	45:47:57	3.57
P11G08	0.79	46.48	-12.32	38:17:23	-3.94
P11H08	0.79	54.60	2.99	40:55:37	-1.30
P11A09	0.79	78.22	47.55	38:03:23	-4.17
P11B09	0.79	62.26	17.44	44:55:09	2.69
P11C09	0.79	12.19	-77.00	N.D.	N.D.
P11D09	0.79	64.47	21.62	48:20:41	6.12
P11E09	0.79	43.00	-18.89	36:19:14	-5.91
P11F09	0.79	57.07	7.64	44:51:47	2.64
P11G09	0.79	55.02	3.78	42:25:29	0.20
P11H09	0.79	68.66	29.52	42:59:40	0.77
P11A10	0.79	49.58	-6.47	46:27:00	4.22
P11B10	0.79	60.84	14.76	50:08:19	7.91
P11C10	0.79	63.35	19.50	49:04:53	6.85
P11D10	0.79	216.98	309.29	136:59:42	94.77
P11E10	0.79	57.07	7.66	43:21:09	1.13
P11F10	0.79	16.96	-68.02	N.D.	N.D.
P11G10	0.79	52.95	-0.12	40:42:28	-1.52
P11H10	0.79	43.33	-18.26	41:38:04	-0.59
P11A11	0.79	48.93	-7.71	42:40:42	0.45
P11B11	0.79	60.67	14.45	44:42:13	2.48
P11C11	0.79	47.42	-10.55	42:36:43	0.39
P11D11	0.79	51.53	-2.79	45:27:19	3.23
P11E11	0.79	38.44	-27.49	42:53:24	0.66
P11F11	0.79	54.88	3.53	41:23:07	-0.84
P11G11	0.79	44.11	-16.79	N.D.	N.D.
P11H11	0.79	49.89	-5.89	38:46:34	-3.45
P12 untreated	0.85	262.91 ± 3.58	N.D.	N.D.	N.D.
mock-infected cells					
P12 untreated infected cells	0.85	55.56 ± 6.70	N.D.	44:17:43	N.D.
P12A02	0.85	70.99	27.77	45:46:20	1.48
P12B02	0.85	56.71	2.06	45:50:02	1.54
P12C02	0.85	42.83	-22.92	41:21:13	-2.94
P12D02	0.85	64.70	16.45	48:51:55	4.57
P12E02	0.85	49.62	-10.70	42:38:56	-1.65
P12F02	0.85	48.59	-12.55	45:19:50	1.04
P12G02	0.85	47.93	-13.74	42:39:40	-1.63
P12H02	0.85	50.82	-8.54	43:07:25	-1.17
P12A03	0.85	49.97	-10.07	41:57:35	-2.34
P12B03	0.85	52.71	-5.14	44:53:42	0.60
P12C03	0.85	49.02	-11.78	48:49:43	4.53
P12D03	0.85	32.32	-41.82	N.D.	N.D.
P12E03	0.85	44.00	-20.81	39:17:25	-5.00
P12F03	0.85	57.74	3.91	53:53:46	9.60
P12G03	0.85	53.11	-4.42	43:18:22	-0.99
P12H03	0.85	63.55	14.38	49:05:49	4.80
P12A04	0.85	56.69	2.03	39:28:51	-4.81
P12B04	0.85	62.24	12.01	50:06:50	5.82
P12C04	0.85	46.75	-15.87	40:06:40	-4.18
P12D04	0.85	56.10	0.97	45:19:01	1.02
P12E04	0.85	54.62	-1.69	44:32:59	0.25
P12F04	0.85	52.14	-6.16	45:20:49	1.05

(continued on next page)

Table 1 (continued)

Compound code	Z'-factor	AUC _n	%AUC _n	CIT ₅₀	ΔCIT ₅₀
P12G04	0.85	49.54	-10.85	45:23:20	1.09
P12H04	0.85	58.72	5.67	43:13:42	-1.07
P12A05	0.85	66.82	20.25	38:53:51	-5.40
P12B05	0.85	57.63	3.73	42:34:05	-1.73
P12C05	0.85	59.04	6.25	42:46:14	-1.52
P12D05	0.85	46.82	-15.74	43:01:53	-1.26
P12E05	0.85	55.57	0.01	42:33:11	-1.74
P12F05	0.85	56.07	0.92	39:15:39	-5.03
P12G05	0.85	52.93	-4.73	43:19:38	-0.97
P12H05	0.85	71.32	28.36	50:02:31	5.75
P12A06	0.85	1.83	-96.70	N.D.	N.D.
P12B06	0.85	67.06	20.68	42:32:11	-1.76
P12C06	0.85	56.63	1.93	44:47:20	0.49
P12D06	0.85	47.21	-15.03	38:37:43	-5.67
P12E06	0.85	9.01	-83.78	N.D.	N.D.
P12F06	0.85	57.03	2.64	36:52:51	-7.41
P12G06	0.85	50.34	-9.40	43:15:35	-1.04
P12H06	0.85	61.35	10.42	46:25:45	2.13
P12A07	0.85	49.35	-11.18	39:15:53	-5.03
P12B07	0.85	53.83	-3.12	42:26:59	-1.85
P12C07	0.85	63.99	15.17	51:39:17	7.36
P12D07	0.85	43.43	-21.84	40:07:58	-4.16
P12E07	0.85	46.92	-15.56	46:12:31	1.91
P12F07	0.85	51.75	-6.87	40:02:34	-4.25
P12G07	0.85	48.97	-11.86	37:39:37	-6.63
P12H07	0.85	54.10	-2.64	38:27:48	-5.83
P12A08	0.85	63.64	14.54	38:24:04	-5.89
P12B08	0.85	55.25	-0.56	43:14:04	-1.06
P12C08	0.85	49.92	-10.15	43:50:19	-0.46
P12D08	0.85	51.35	-7.59	45:58:24	1.68
P12E08	0.85	61.94	11.47	47:19:20	3.03
P12F08	0.85	51.05	-8.13	43:37:05	-0.68
P12G08	0.85	14.89	-73.20	N.D.	N.D.
P12H08	0.85	68.92	24.03	46:24:20	2.11
P12A09	0.85	56.31	1.34	48:51:32	4.56
P12B09	0.85	40.10	-27.83	43:48:03	-0.49
P12C09	0.85	48.29	-13.09	49:38:19	5.34
P12D09	0.85	47.96	-13.69	44:27:18	0.16
P12E09	0.85	42.27	-23.92	43:39:16	-0.64
P12F09	0.85	58.67	5.60	48:00:58	3.72
P12G09	0.85	52.90	-4.79	43:20:29	-0.95
P12H09	0.85	61.42	10.54	43:34:59	-0.71
P12A10	0.85	59.30	6.73	58:19:14	14.03
P12B10	0.85	49.55	-10.82	44:08:50	-0.15
P12C10	0.85	48.10	-13.43	46:13:14	1.93
P12D10	0.85	46.37	-16.54	43:58:59	-0.31
P12E10	0.85	45.00	-19.02	37:36:37	-6.68
P12F10	0.85	50.76	-8.65	43:04:31	-1.22
P12G10	0.85	67.36	21.23	44:26:02	0.14
P12H10	0.85	56.52	1.72	44:07:37	-0.17
P12A11	0.85	54.97	-1.08	44:05:41	-0.20
P12B11	0.85	51.79	-6.79	42:18:16	-1.99
P12C11	0.85	56.03	0.85	48:07:59	3.84
P12D11	0.85	55.04	-0.94	47:23:54	3.10
P12E11	0.85	42.29	-23.89	43:13:57	-1.06
P12F11	0.85	46.95	-15.50	43:24:39	-0.88
P12G11	0.85	57.69	3.83	44:25:06	0.12
P12H11	0.85	59.40	6.90	43:55:32	-0.37
P13 untreated mock-infected cells	0.87	240.87 ± 6.33	N.D.	N.D.	N.D.
P13 untreated infected cells	0.87	45.97 ± 2.20	N.D.	40:36:49	N.D.
P13A02	0.87	49.26	7.15	43:58:51	3.37

(continued on next page)

Table 1 (continued)

Compound code	Z'-factor	AUC _n	%AUC _n	CIT ₅₀	ΔCIT ₅₀
P13B02	0.87	57.56	25.21	43:38:14	3.02
P13C02	0.87	41.33	-10.08	42:14:35	1.63
P13D02	0.87	39.97	-13.05	41:43:23	1.11
P13E02	0.87	41.15	-10.49	41:24:39	0.80
P13F02	0.87	42.64	-7.24	38:55:58	-1.68
P13G02	0.87	48.18	4.81	41:21:52	0.75
P13H02	0.87	61.46	33.71	53:29:12	12.87
P13A03	0.87	44.69	-2.79	43:07:36	2.51
P13B03	0.87	60.56	31.74	47:20:41	6.73
P13C03	0.87	48.01	4.44	44:08:28	3.53
P13D03	0.87	45.84	-0.28	43:05:53	2.48
P13E03	0.87	48.40	5.28	48:13:03	7.60
P13F03	0.87	43.22	-5.97	41:26:46	0.83
P13G03	0.87	48.61	5.76	42:04:35	1.46
P13H03	0.87	54.65	18.88	45:49:47	5.22
P13A04	0.87	31.31	-31.90	N.D.	N.D.
P13B04	0.87	58.30	26.84	48:56:41	8.33
P13C04	0.87	73.03	58.88	48:53:04	8.27
P13D04	0.87	34.13	-25.75	N.D.	N.D.
P13E04	0.87	51.41	11.85	45:25:13	4.81
P13F04	0.87	49.67	8.05	46:32:05	5.92
P13G04	0.87	59.37	29.15	45:47:38	5.18
P13H04	0.87	52.62	14.48	43:34:03	2.95
P13A05	0.87	48.10	4.65	43:23:47	2.78
P13B05	0.87	46.32	0.76	42:59:25	2.38
P13C05	0.87	47.50	3.34	42:02:43	1.43
P13D05	0.87	46.84	1.90	45:03:12	4.44
P13E05	0.87	37.83	-17.71	39:23:49	-1.22
P13F05	0.87	35.96	-21.77	41:14:45	0.63
P13G05	0.87	53.06	15.42	42:24:53	1.80
P13H05	0.87	51.37	11.75	42:11:05	1.57
P13A06	0.87	53.69	16.80	46:48:29	6.19
P13B06	0.87	48.28	5.03	44:36:33	4.00
P13C06	0.87	45.27	-1.52	42:51:25	2.24
P13D06	0.87	50.07	8.93	45:23:56	4.79
P13E06	0.87	49.83	8.40	45:23:56	4.79
P13F06	0.87	43.34	-5.72	41:55:23	1.31
P13G06	0.87	50.14	9.07	45:09:23	4.54
P13H06	0.87	49.32	7.30	43:57:53	3.35
P13A07	0.87	50.22	9.24	42:34:14	1.96
P13B07	0.87	43.19	-6.05	38:27:50	-2.15
P13C07	0.87	28.92	-37.09	N.D.	N.D.
P13D07	0.87	46.03	0.13	42:59:45	2.38
P13E07	0.87	43.07	-6.29	38:38:37	-1.97
P13F07	0.87	50.01	8.79	40:20:53	-0.27
P13G07	0.87	45.84	-0.28	41:43:31	1.11
P13H07	0.87	48.25	4.97	40:49:27	0.21
P13A08	0.87	45.47	-1.08	41:13:32	0.61
P13B08	0.87	53.40	16.16	44:55:54	4.32
P13C08	0.87	0.35	-99.24	N.D.	N.D.
P13D08	0.87	49.11	6.84	38:49:42	-1.79
P13E08	0.87	46.15	0.40	40:32:28	-0.07
P13F08	0.87	66.58	44.85	44:56:23	4.33
P13G08	0.87	56.56	23.04	43:24:52	2.80
P13H08	0.87	49.77	8.27	43:31:39	2.91
P13A09	0.87	43.73	-4.87	44:28:42	3.86
P13B09	0.87	50.38	9.60	41:18:47	0.70
P13C09	0.87	47.11	2.48	41:58:24	1.36
P13D09	0.87	47.53	3.39	44:13:15	3.61
P13E09	0.87	46.41	0.95	39:25:20	-1.19
P13F09	0.87	57.49	25.07	44:13:45	3.62
P13G09	0.87	55.82	21.44	43:13:33	2.61
P13H09	0.87	40.07	-12.84	43:04:27	2.46

(continued on next page)

Table 1 (continued)

Compound code	Z'-factor	AUC _n	%AUC _n	CIT ₅₀	ΔCIT ₅₀
P13A10	0.87	48.58	5.69	44:47:35	4.18
P13B10	0.87	48.50	5.51	42:51:05	2.24
P13C10	0.87	49.52	7.73	41:25:20	0.81
P13D10	0.87	54.81	19.24	47:07:39	6.51
P13E10	0.87	50.82	10.56	43:52:42	3.26
P13F10	0.87	47.57	3.48	39:34:29	-1.04
P13G10	0.87	51.66	12.38	41:01:39	0.41
P13H10	0.87	51.40	11.81	43:44:03	3.12
P13A11	0.87	58.29	26.80	49:09:11	8.54
P13B11	0.87	45.30	-1.44	40:28:18	-0.14
P13C11	0.87	45.83	-0.30	41:23:07	0.77
P13D11	0.87	49.10	6.81	42:25:21	1.81
P13E11	0.87	45.22	-1.63	39:48:05	-0.81
P13F11	0.87	51.83	12.76	38:05:42	-2.52
P13G11	0.87	49.62	7.94	42:21:46	1.75
P13H11	0.87	45.54	-0.92	22:16:26	-18.34
P14 untreated mock-infected cells	0.52	309.86 ± 39.49	N.D.	N.D.	N.D.
P14 untreated infected cells	0.52	48.43 ± 2.22	N.D.	43:27:35	N.D.
P14A02	0.52	52.72	8.85	44:38:04	1.17
P14B02	0.52	73.67	52.12	43:51:33	0.40
P14C02	0.52	40.91	-15.52	40:24:35	-3.05
P14D02	0.52	48.61	0.38	46:32:27	3.08
P14E02	0.52	51.23	5.78	46:26:48	2.99
P14F02	0.52	52.43	8.25	43:12:44	-0.25
P14G02	0.52	43.29	-10.62	41:07:01	-2.34
P14H02	0.52	62.55	29.16	48:53:27	5.43
P14A03	0.52	54.97	13.49	44:45:45	1.30
P14B03	0.52	50.22	3.70	44:30:09	1.04
P14C03	0.52	62.72	29.50	47:45:24	4.30
P14D03	0.52	40.77	-15.83	40:31:55	-2.93
P14E03	0.52	89.42	84.64	51:59:07	8.53
P14F03	0.52	59.10	22.03	39:12:13	-4.26
P14G03	0.52	54.66	12.87	43:31:04	0.06
P14H03	0.52	53.67	10.83	44:57:40	1.50
P14A04	0.52	82.86	71.08	49:20:13	5.88
P14B04	0.52	46.67	-3.63	44:15:49	0.80
P14C04	0.52	54.84	13.24	45:15:37	1.80
P14D04	0.52	50.00	3.24	43:36:22	0.15
P14E04	0.52	48.35	-0.17	41:31:01	-1.94
P14F04	0.52	29.50	-39.09	N.D.	N.D.
P14G04	0.52	48.95	1.08	43:48:02	0.34
P14H04	0.52	54.11	11.72	43:09:01	-0.31
P14A05	0.52	69.33	43.15	40:30:05	-2.96
P14B05	0.52	48.62	0.38	43:37:58	0.17
P14C05	0.52	52.92	9.28	42:07:36	-1.33
P14D05	0.52	45.45	-6.16	41:29:52	-1.96
P14E05	0.52	48.36	-0.15	43:47:32	0.33
P14F05	0.52	46.99	-2.97	44:41:58	1.24
P14G05	0.52	47.47	-1.99	43:44:17	0.28
P14H05	0.52	46.29	-4.42	42:22:02	-1.09
P14A06	0.52	31.97	-34.00	40:42:24	-2.75
P14B06	0.52	51.69	6.73	45:17:03	1.82
P14C06	0.52	45.87	-5.29	42:25:44	-1.03
P14D06	0.52	54.73	13.02	46:36:33	3.15
P14E06	0.52	44.23	-8.68	46:36:33	3.15
P14F06	0.52	47.36	-2.21	42:08:41	-1.32
P14G06	0.52	50.51	4.29	46:29:03	3.02
P14H06	0.52	44.83	-7.44	41:43:30	-1.73
P14A07	0.52	68.89	42.25	43:05:12	-0.37
P14B07	0.52	115.04	137.53	108:06:35	64.65
P14C07	0.52	37.93	-21.68	39:17:19	-4.17

(continued on next page)

Table 1 (continued)

Compound code	Z'-factor	AUC _n	%AUC _n	CIT ₅₀	ΔCIT ₅₀
P14D07	0.52	52.56	8.53	42:09:59	-1.29
P14E07	0.52	52.50	8.41	43:55:34	0.47
P14F07	0.52	32.41	-33.08	40:44:29	-2.72
P14G07	0.52	55.27	14.12	45:05:19	1.63
P14H07	0.52	45.13	-6.81	43:26:11	-0.02
P14B08	0.52	59.00	21.82	44:15:55	0.81
P14C08	0.52	43.28	-10.64	38:44:35	-4.72
P14D08	0.52	51.86	7.07	45:10:32	1.72
P14E08	0.52	50.46	4.19	39:34:00	-3.89
P14F08	0.52	65.84	35.95	48:40:19	5.21
P14G08	0.52	52.21	7.81	44:29:41	1.03
P14H08	0.52	50.50	4.28	42:59:07	-0.47
P14A09	0.52	42.45	-12.35	40:19:31	-3.13
P14B09	0.52	53.00	9.43	46:02:10	2.58
P14C09	0.52	57.31	18.34	58:42:38	15.25
P14D09	0.52	44.64	-7.82	42:06:58	-1.34
P14E09	0.52	53.45	10.36	41:53:46	-1.56
P14F09	0.52	36.48	-24.68	43:05:16	-0.37
P14G09	0.52	49.07	1.32	42:42:19	-0.75
P14H09	0.52	48.89	0.95	43:12:15	-0.26
P14A10	0.52	0.79	-98.37	N.D.	N.D.
P14B10	0.52	53.55	10.57	45:02:09	1.58
P14C10	0.52	50.86	5.02	46:12:45	2.75
P14D10	0.52	44.39	-8.35	43:40:06	0.21
P14E10	0.52	38.76	-19.96	36:47:35	-6.67
P14F10	0.52	42.43	-12.39	39:24:03	-4.06
P14G10	0.52	37.65	-22.25	35:18:15	-8.16
P14H10	0.52	49.55	2.31	35:39:56	-7.79
P14A11	0.52	50.23	3.71	40:51:12	-2.61
P14B11	0.52	50.38	4.02	44:12:07	0.74
P14C11	0.52	38.68	-20.14	39:52:39	-3.58
P14D11	0.52	36.22	-25.21	14:50:19	-28.62
P14E11	0.52	45.31	-6.44	40:56:35	-2.52
P14F11	0.52	44.12	-8.90	41:37:27	-1.84
P14G11	0.52	37.02	-23.57	N.D.	N.D.
P14H11	0.52	49.96	3.17	42:34:10	-0.89
P16 untreated mock-infected cells	0.65	325.19 ± 19.16	N.D.	N.D.	N.D.
P16 untreated infected cells	0.65	72.55 ± 10.12	N.D.	48:07:24	N.D.
P16A02	0.65	22.74	-68.66	N.D.	N.D.
P16B02	0.65	65.78	-9.34	47:20:12	-0.79
P16C02	0.65	46.70	-35.63	N.D.	N.D.
P16D02	0.65	15.71	-78.34	N.D.	N.D.
P16E02	0.65	80.53	10.99	51:17:28	3.17
P16F02	0.65	82.54	13.76	48:15:35	0.14
P16G02	0.65	78.92	8.78	N.D.	N.D.
P16H02	0.65	92.61	27.64	59:06:09	10.98
P16A03	0.65	100.87	39.04	52:19:16	4.20
P16B03	0.65	87.64	20.80	52:07:04	3.99
P16C03	0.65	88.51	21.99	49:08:25	1.02
P16D03	0.65	101.15	39.42	52:43:34	4.60
P16E03	0.65	65.01	-10.39	42:41:04	-5.44
P16F03	0.65	74.18	2.24	48:10:46	0.06
P16G03	0.65	72.93	0.52	41:15:17	-6.87
P16H03	0.65	81.03	11.69	47:16:49	-0.84
P16A04	0.65	100.19	38.09	48:06:50	-0.01
P16B04	0.65	117.36	61.76	49:18:48	1.19
P16C04	0.65	139.51	92.29	51:35:19	3.47
P16D04	0.65	51.78	-28.63	54:09:56	6.04
P16E04	0.65	80.54	11.01	46:28:05	-1.66
P16F04	0.65	64.21	-11.51	47:25:47	-0.69
P16G04	0.65	136.34	87.91	58:52:37	10.75

(continued on next page)

Table 1 (continued)

Compound code	Z'-factor	AUC _n	%AUC _n	CIT ₅₀	ΔCIT ₅₀
P16H04	0.65	94.13	29.75	43:43:36	-4.40
P16A05	0.65	123.50	70.23	57:08:50	9.02
P16B05	0.65	47.28	-34.83	N.D.	N.D.
P16C05	0.65	106.68	47.04	N.D.	N.D.
P16D05	0.65	82.80	14.13	53:18:05	5.18
P16E05	0.65	36.21	-50.09	N.D.	N.D.
P16F05	0.65	112.15	54.58	49:08:38	1.02
P16G05	0.65	33.24	-54.19	N.D.	N.D.
P16H05	0.65	85.15	17.36	50:27:34	2.34
P16A06	0.65	84.58	16.58	44:36:58	-3.51
P16B06	0.65	62.51	-13.84	45:38:16	-2.49
P16C06	0.65	80.23	10.58	47:10:24	-0.95
P16D06	0.65	118.79	63.73	60:30:56	12.39
P16E06	0.65	58.75	-19.03	60:30:56	12.39
P16F06	0.65	90.81	25.16	48:30:57	0.39
P16G06	0.65	104.23	43.66	47:23:24	-0.73
P16H06	0.65	99.63	37.33	51:55:42	3.80
P16A07	0.65	94.94	30.85	49:17:53	1.17
P16B07	0.65	91.68	26.36	45:17:25	-2.83
P16C07	0.65	99.82	37.58	50:13:50	2.11
P16D07	0.65	85.81	18.27	47:22:31	-0.75
P16E07	0.65	94.82	30.70	47:22:13	-0.75
P16F07	0.65	72.78	0.32	40:58:06	-7.16
P16G07	0.65	77.03	6.17	51:15:17	3.13
P16H07	0.65	88.31	21.72	42:39:59	-5.46
P16A08	0.65	92.80	27.91	57:39:01	9.53
P16B08	0.65	39.48	-45.59	42:29:12	-5.64
P16C08	0.65	66.18	-8.78	42:40:52	-5.44
P16D08	0.65	77.07	6.23	48:35:04	0.46
P16E08	0.65	104.06	43.43	52:53:57	4.78
P16F08	0.65	115.42	59.09	51:57:14	3.83
P16G08	0.65	58.49	-19.39	39:31:57	-8.59
P16H08	0.65	47.76	-34.18	44:14:45	-3.88
P16A09	0.65	97.25	34.05	46:32:16	-1.59
P16B09	0.65	60.32	-16.86	47:33:56	-0.56
P16C09	0.65	65.14	-10.22	48:21:49	0.24
P16D09	0.65	84.42	16.36	44:58:28	-3.15
P16E09	0.65	90.70	25.01	52:29:13	4.36
P16F09	0.65	69.02	-4.87	39:40:11	-8.45
P16G09	0.65	156.75	116.05	60:23:56	12.28
P16H09	0.65	110.18	51.86	52:06:08	3.98
P16A10	0.65	123.72	70.53	62:49:52	14.71
P16B10	0.65	83.79	15.49	51:37:10	3.50
P16C10	0.65	54.08	-25.46	49:52:16	1.75
P16D10	0.65	87.47	20.56	45:57:42	-2.16
P16E10	0.65	15.30	-78.91	N.D.	N.D.
P16F10	0.65	119.75	65.06	51:05:19	2.97
P16G10	0.65	75.11	3.53	46:02:46	-2.08
P16H10	0.65	129.15	78.01	48:27:01	0.33
P16A11	0.65	104.71	44.32	51:04:28	2.95
P16B11	0.65	37.29	-48.61	N.D.	N.D.
P16C11	0.65	86.83	19.68	50:46:23	2.65
P16D11	0.65	90.03	24.09	47:51:31	-0.26
P16E11	0.65	82.22	13.32	47:23:57	-0.72
P16F11	0.65	68.28	-5.88	42:23:46	-5.73
P16G11	0.65	50.99	-29.73	39:41:53	-8.43
P16H11	0.65	97.78	34.77	44:40:25	-3.45

Table 2

Screening of 1,651 compounds from the Centre d'Etudes et de Recherche sur le Médicament de Normandie (CERMN, Caen, France) at 10 μ M. For each compound, the following values are provided: the area under normalised Cell Index curve (AUC_n), the %AUC_n compared to AUC_n of untreated infected cells, the time required for the cell index to decrease by 50 % after virus infection (CIT₅₀) and the Δ CIT₅₀ value obtained by comparing results for treated vs untreated, EHV-1-infected control wells. The Z'-factor was used to assess the quality of the screening in 96-well format. For untreated mock-infected and untreated infected cells, the mean \pm SD of AUC_n is reported. *N.D.*, *not determinable*.

Compound name	Z'-factor	AUC _n	%AUC _n	CIT ₅₀	Δ CIT ₅₀
C01 untreated mock-infected cells	0.79	200.89 \pm 6.27	N.D	N.D	N.D
C02 untreated infected cells	0.79	51.05 \pm 4.22	N.D	44:33:17	N.D
CEmr-2967200	0.79	56.69	11.07	48:39:22	8.10
CEsr-2708000	0.79	52.15	2.16	38:48:07	-1.75
CEmr-1642100	0.79	39.72	-22.19	39:29:39	-1.06
CEsr-2713000	0.79	55.45	8.63	35:57:21	-4.60
CEsr-2704000	0.79	46.60	-8.72	37:15:38	-3.29
CEmr-1506400	0.79	48.37	-5.25	36:36:37	-3.94
CEsr-2036000	0.79	43.53	-14.72	36:56:02	-3.62
CEsr-4857000	0.79	52.24	2.34	39:12:32	-1.35
CEsr-4858000	0.79	47.02	-7.90	35:59:38	-4.56
CEsr-4860000	0.79	48.96	-4.09	37:10:03	-3.39
CEmr-2558600	0.79	49.41	-3.21	38:08:38	-2.41
CEsr-6941000	0.79	46.78	-8.36	36:38:04	-3.92
CEsr-6305000	0.79	44.48	-12.87	37:47:31	-2.76
CEsr-6698000	0.79	44.33	-13.17	35:50:51	-4.71
CEsr-2564000	0.79	44.20	-13.41	34:46:48	-5.77
CEmr-2242400	0.79	63.72	24.82	43:21:50	2.81
CEmr-2693000	0.79	52.83	3.49	38:37:51	-1.92
CEmr-2577700	0.79	53.33	4.47	40:23:24	-0.16
CEmr-2242100	0.79	54.45	6.67	39:09:09	-1.40
CEmr-3182300	0.79	50.08	-1.90	34:51:04	-5.70
CEmr-3069500	0.79	43.52	-14.75	35:22:53	-5.17
CEmr-3069600	0.79	51.01	-0.08	42:37:14	2.07
CEmr-3068600	0.79	33.97	-33.44	40:06:15	-0.45
CEsr-5054000	0.79	52.80	3.44	42:24:57	1.86
CEsr-2719000	0.79	56.08	9.85	41:18:31	0.75
CEsr-1342000	0.79	63.70	24.79	40:25:46	-0.13
CEsr-4369000	0.79	58.90	15.39	38:35:06	-1.97
CEsr-7174000	0.79	50.34	-1.38	42:41:45	2.14
CEsr-7401000	0.79	45.89	-10.10	36:40:35	-3.88
CEsr-6415000	0.79	40.92	-19.84	37:33:34	-3.00
CEsr-5002000	0.79	49.14	-3.74	38:55:38	-1.63
CEmr-2502000	0.79	63.05	23.51	43:14:07	2.68
CEsr-2566000	0.79	53.90	5.59	42:18:19	1.75
CEsr-2551000	0.79	48.42	-5.15	39:47:43	-0.76
CEsr-2544000	0.79	43.63	-14.52	34:49:23	-5.73
CEsr-6413000	0.79	44.91	-12.02	36:09:32	-4.40
CEmr-2870400	0.79	48.05	-5.87	38:41:06	-1.87
CEmr-2601100	0.79	40.93	-19.82	36:50:42	-3.71
CEsr-1038000	0.79	60.27	18.06	39:46:43	-0.78
CEsr-1308000	0.79	40.11	-21.43	14:38:13	-25.92
CEsr-4292000	0.79	47.61	-6.74	36:20:51	-4.21
CEsr-4896000	0.79	52.33	2.51	37:03:48	-3.49
CEsr-4204000	0.79	42.26	-17.22	36:07:04	-4.44
CEmr-3132500	0.79	44.51	-12.80	35:58:10	-4.59
CEmr-2570900	0.79	43.35	-15.08	36:36:36	-3.94
CEmr-1729400	0.79	49.42	-3.18	36:57:57	-3.59
CEmr-3181200	0.79	44.23	-13.35	38:34:10	-1.99
CEsr-5549000	0.79	63.74	24.87	40:06:23	-0.45
CEmr-2394700	0.79	51.17	0.24	39:55:28	-0.63
CEsr-3090000	0.79	48.33	-5.32	37:44:08	-2.82
CEsr-6822000	0.79	44.49	-12.85	35:18:37	-5.24
CEmr-1920800	0.79	46.05	-9.78	37:43:17	-2.83
CEmr-1513300	0.79	42.29	-17.16	35:02:13	-5.52

(continued on next page)

Table 2 (continued)

Compound name	Z'-factor	AUC _n	%AUC _n	CIT ₅₀	ΔCIT ₅₀
CEsr-4726000	0.79	46.24	-9.41	35:58:18	-4.58
CEmr-1457400	0.79	50.74	-0.60	37:28:11	-3.08
CEsr-4650000	0.79	55.51	8.74	40:43:20	0.17
CEsr-6179000	0.79	56.03	9.76	39:14:55	-1.31
CEmr-2552200	0.79	51.47	0.83	37:17:46	-3.26
CEsr-7571000	0.79	27.25	-46.62	20:13:52	-20.32
CEsr-4882000	0.79	51.60	1.09	37:15:03	-3.30
CEsr-4879000	0.79	48.65	-4.69	36:59:24	-3.56
CEmr-2300900	0.79	55.73	9.18	37:13:41	-3.33
CEsr-5700000	0.79	54.11	6.00	39:48:19	-0.75
CEmr-2586800	0.79	63.18	23.77	42:59:43	2.44
CEmr-2778300	0.79	56.78	11.24	37:50:50	-2.71
CEsr-6469000	0.79	61.87	21.21	44:39:04	4.10
CEmr-1812200	0.79	56.76	11.19	38:31:24	-2.03
CEsr-6818000	0.79	59.06	15.70	40:26:12	-0.12
CEsr-4888000	0.79	43.02	-15.72	34:04:00	-6.49
CEmr-2512300	0.79	46.01	-9.86	37:45:17	-2.80
CEmr-3115100	0.79	53.23	4.27	41:16:17	0.72
CEsr-6001000	0.79	50.86	-0.36	38:38:41	-1.91
CEsr-5875000	0.79	53.20	4.22	36:55:13	-3.63
CEsr-5519000	0.79	56.73	11.13	36:18:41	-4.24
CEmr-1329700	0.79	57.09	11.85	38:18:43	-2.24
CEmr-1457700	0.79	54.98	7.71	37:34:28	-2.98
CEsr-7263000	0.79	54.95	7.65	39:02:18	-1.52
CEsr-4898000	0.79	52.49	2.83	36:40:49	-3.87
CEmr-2553000	0.79	56.68	11.03	39:39:55	-0.89
CEmr-1943500	0.79	49.36	-3.31	37:41:09	-2.87
CO2 untreated mock-infected cells	0.878037237	202.44 ± 2.58	N.D	N.D	N.D
CO2 untreated infected cells	0.88	48.35 ± 3.69	N.D	36:51:03	N.D
CEsr-3085000	0.88	60.77	25.69	39:57:43	3.11
CEmr-2558400	0.88	54.15	12.00	40:16:44	3.43
CEsr-5906000	0.88	51.04	5.57	40:22:53	3.53
CEsr-3914000	0.88	49.56	2.51	35:48:05	-1.05
CEsr-4161000	0.88	47.91	-0.91	39:49:00	2.97
CEmr-3137100	0.88	51.75	7.04	39:27:38	2.61
CEsr-5677000	0.88	26.91	-44.33	39:02:34	2.19
CEsr-2541000	0.88	51.69	6.91	40:22:52	3.53
CEsr-1443000	0.88	46.54	-3.73	37:40:31	0.82
CEsr-1286000	0.88	49.79	2.99	38:18:48	1.46
CEsr-2487000	0.88	53.01	9.65	40:55:53	4.08
CEmr-3394000	0.88	60.09	24.29	41:17:40	4.44
CEsr-7181000	0.88	45.20	-6.52	35:08:23	-1.71
CEmr-2362000	0.88	51.19	5.88	38:31:53	1.68
CEmr-2502200	0.88	54.54	12.82	41:10:11	4.32
CEsr-1214000	0.88	77.09	59.46	40:56:01	4.08
CEmr-1813300	0.88	60.16	24.43	42:10:29	5.32
CEsr-4153000	0.88	50.79	5.05	39:54:15	3.05
CEmr-3398000	0.88	47.86	-1.00	37:54:18	1.05
CEmr-1329300	0.88	44.66	-7.63	36:09:30	-0.69
CEsr-2529000	0.88	49.23	1.83	38:27:46	1.61
CEsr-3856000	0.88	52.62	8.84	39:27:56	2.61
CEsr-3654000	0.88	52.48	8.55	39:37:10	2.77
CEmr-1365200	0.88	51.46	6.44	41:39:58	4.82
CEsr-4989000	0.88	51.48	6.48	38:38:51	1.80
CEsr-7295000	0.88	56.79	17.46	42:48:58	5.97
CEsr-4428000	0.88	51.04	5.57	38:58:56	2.13
CEsr-3924000	0.88	47.22	-2.33	37:41:13	0.84
CEsr-2749000	0.88	44.26	-8.45	37:23:14	0.54
CEmr-3189600	0.88	32.74	-32.28	35:53:18	-0.96

(continued on next page)

Table 2 (continued)

Compound name	Z'-factor	AUC _n	%AUC _n	CIT ₅₀	ΔCIT ₅₀
CEsr-5612000	0.88	49.03	1.41	36:35:00	-0.27
CEsr-1477000	0.88	51.69	6.91	39:05:07	2.23
CEsr-3228000	0.88	44.62	-7.70	37:15:03	0.40
CEsr-5049000	0.88	46.91	-2.96	40:06:14	3.25
CEmr-22848a0	0.88	55.30	14.39	40:00:00	3.15
CEmr-1724100	0.88	44.90	-7.13	35:22:57	-1.47
CEmr-1724000	0.88	50.43	4.32	38:03:44	1.21
CEsr-3207000	0.88	51.62	6.76	36:52:47	0.03
CEmr-1678500	0.88	52.38	8.35	40:04:20	3.22
CEmr-2792400	0.88	57.17	18.26	42:23:16	5.54
CEmr-2872100	0.88	44.27	-8.43	37:55:52	1.08
CEsr-5826000	0.88	52.65	8.91	37:26:50	0.60
CEsr-5804000	0.88	47.19	-2.38	37:46:45	0.93
CEsr-3558000	0.88	46.81	-3.17	36:28:06	-0.38
CEsr-3569000	0.88	50.64	4.74	38:34:59	1.73
CEmr-2325500	0.88	58.03	20.04	38:23:30	1.54
CEsr-5558000	0.88	50.58	4.62	38:43:28	1.87
CEmr-3201900	0.88	55.88	15.58	40:45:41	3.91
CEmr-3093700	0.88	54.80	13.36	41:18:48	4.46
CEsr-5547000	0.88	46.33	-4.17	36:54:09	0.05
CEsr-3437000	0.88	44.12	-8.74	36:15:37	-0.59
CEsr-2333000	0.88	47.50	-1.75	35:48:02	-1.05
CEmr-2387800	0.88	44.32	-8.32	35:53:58	-0.95
CEsr-4918000	0.88	51.87	7.29	37:12:03	0.35
CEmr-2501400	0.88	48.02	-0.68	38:11:53	1.35
CEmr-2876800	0.88	55.91	15.65	41:26:48	4.60
CEsr-1298000	0.88	59.10	22.24	39:57:36	3.11
CEmr-2530500	0.88	54.29	12.30	40:38:11	3.79
CEsr-6975000	0.88	47.04	-2.71	37:54:38	1.06
CEsr-5387000	0.88	43.98	-9.02	34:54:57	-1.93
CEsr-5793000	0.88	44.12	-8.74	37:14:42	0.39
CEsr-5334000	0.88	46.12	-4.60	35:44:16	-1.11
CEmr-2384300	0.88	49.18	1.72	38:56:40	2.09
CEsr-5335000	0.88	42.90	-11.27	39:01:54	2.18
CEmr-2384700	0.88	48.19	-0.32	38:35:16	1.74
CEsr-5398000	0.88	48.34	-0.01	38:33:12	1.70
CEsr-5256000	0.88	50.52	4.51	37:44:12	0.89
CEsr-5265000	0.88	44.41	-8.14	36:59:02	0.13
CEsr-5778000	0.88	45.09	-6.73	37:15:27	0.41
CEmr-1842600	0.88	46.13	-4.58	38:03:37	1.21
CEsr-5294000	0.88	43.96	-9.07	38:15:44	1.41
CEmr-1478200	0.88	48.46	0.24	40:42:36	3.86
CEmr-2108500	0.88	46.06	-4.73	37:42:10	0.85
CEmr-1845900	0.88	50.63	4.73	39:52:53	3.03
CEmr-1676800	0.88	48.29	-0.11	37:51:21	1.01
CEsr-5295000	0.88	44.10	-8.78	36:29:11	-0.36
CEmr-2503400	0.88	52.94	9.50	41:34:31	4.72
CEsr-7169000	0.88	31.79	-34.25	40:28:51	3.63
CEmr-2707200	0.88	50.02	3.47	37:53:27	1.04
CEmr-3139400	0.88	46.43	-3.97	38:18:49	1.46
C03 untreated mock-infected cells	0.65560864	212.29 ± 15.22	N.D	N.D	N.D
C03 untreated infected cells	0.66	46.67 ± 3.79	N.D	37:28:10	N.D
CEmr-2812000	0.66	51.15	9.59	39:30:41	2.04
CEsr-4893000	0.66	47.74	2.28	36:30:53	-0.95
CEsr-2108000	0.66	43.89	-5.97	38:57:24	1.49
CEsr-6198000	0.66	44.34	-5.00	35:48:23	-1.66
CEmr-1506300	0.66	50.25	7.66	36:44:12	-0.73
CEmr-2552300	0.66	50.84	8.92	37:28:26	0.00
CEmr-1848100	0.66	46.67	0.00	36:59:01	-0.49
CEmr-3228900	0.66	39.85	-14.61	35:58:52	-1.49

(continued on next page)

Table 2 (continued)

Compound name	Z'-factor	AUC _n	%AUC _n	CIT ₅₀	ΔCIT ₅₀
CEmr-3181300	0.66	46.07	-1.30	46:51:59	9.40
CEsr-5350000	0.66	39.82	-14.68	35:23:20	-2.08
CEsr-2136000	0.66	48.34	3.57	39:42:25	2.24
CEmr-2984900	0.66	44.86	-3.88	36:32:29	-0.93
CEsr-7527000	0.66	47.16	1.04	36:13:08	-1.25
CEsr-5626000	0.66	47.62	2.02	36:58:33	-0.49
CEmr-2134200	0.66	66.37	42.20	42:16:45	4.81
CEsr-1724000	0.66	50.65	8.52	38:19:58	0.86
CEsr-5000000	0.66	38.65	-17.20	39:41:42	2.23
CEsr-2123000	0.66	50.21	7.57	39:38:37	2.17
CEsr-1686000	0.66	51.66	10.68	38:44:13	1.27
CEmr-2758700	0.66	46.64	-0.07	37:13:59	-0.24
CEsr-6220000	0.66	51.83	11.04	36:44:55	-0.72
CEmr-2987700	0.66	46.49	-0.40	36:14:53	-1.22
CEsr-3385000	0.66	47.80	2.41	40:05:44	2.63
CEmr-3391600	0.66	46.38	-0.64	38:58:29	1.51
CEmr-3392600	0.66	47.86	2.55	39:15:44	1.79
CEsr-1427000	0.66	50.15	7.45	38:29:52	1.03
CEsr-7085000	0.66	32.08	-31.27	36:02:08	-1.43
CEsr-7341000	0.66	48.66	4.26	37:43:54	0.26
CEsr-1114000	0.66	48.16	3.18	38:02:25	0.57
CEmr-2558800	0.66	42.82	-8.26	37:50:49	0.38
CEmr-1728800	0.66	47.24	1.21	39:40:58	2.21
CEmr-2661700	0.66	58.69	25.74	53:14:07	15.77
CEmr-2034000	0.66	53.74	15.14	38:37:11	1.15
CEsr-5410000	0.66	52.85	13.23	39:00:43	1.54
CEsr-5422000	0.66	41.23	-11.66	36:17:31	-1.18
CEsr-4265000	0.66	41.88	-10.26	35:13:05	-2.25
CEsr-6644000	0.66	46.27	-0.87	35:32:39	-1.93
CEsr-6642000	0.66	46.51	-0.36	37:51:41	0.39
CEsr-4254000	0.66	39.82	-14.69	39:40:40	2.21
CEsr-6625000	0.66	50.19	7.54	38:20:58	0.88
CEmr-281100	0.66	46.07	-1.29	37:32:10	0.07
CEmr-2033500	0.66	51.51	10.37	38:45:53	1.30
CEmr-1813200	0.66	45.47	-2.58	39:50:42	2.38
CEmr-1540700	0.66	41.19	-11.75	34:31:55	-2.94
CEmr-1320400	0.66	47.74	2.28	36:27:18	-1.01
CEmr-2299400	0.66	46.60	-0.16	36:39:44	-0.81
CEmr-2397300	0.66	45.62	-2.27	35:51:30	-1.61
CEsr-5770000	0.66	52.96	13.48	39:47:11	2.32
CEsr-2916000	0.66	49.67	6.41	39:11:12	1.72
CEsr-2923000	0.66	51.46	10.25	37:57:02	0.48
CEsr-4948000	0.66	50.40	7.99	38:35:15	1.12
CEsr-7395000	0.66	49.33	5.68	36:28:11	-1.00
CEsr-1403000	0.66	48.89	4.75	39:50:06	2.37
CEsr-1442000	0.66	42.58	-8.76	37:24:46	-0.06
CEsr-5246000	0.66	53.07	13.70	38:21:15	0.88
CEmr-2401700	0.66	50.92	9.11	36:59:41	-0.47
CEmr-2874600	0.66	42.64	-8.64	40:18:53	2.85
CEmr-2092800	0.66	45.54	-2.44	38:03:00	0.58
CEsr-1413000	0.66	36.25	-22.34	35:39:16	-1.81
CEmr-2381100	0.66	49.98	7.08	38:04:41	0.61
CEsr-7400000	0.66	44.89	-3.82	37:50:35	0.37
CEsr-1462000	0.66	37.36	-19.95	38:01:20	0.55
CEmr-2093600	0.66	47.86	2.54	37:12:56	-0.25
CEsr-5223000	0.66	52.23	11.90	38:23:37	0.92
CEsr-1215000	0.66	46.09	-1.26	37:53:46	0.43
CEsr-1287000	0.66	47.52	1.82	37:45:03	0.28
CEsr-7195000	0.66	44.76	-4.11	37:54:10	0.43
CEmr-2382500	0.66	44.07	-5.58	37:41:41	0.23

(continued on next page)

Table 2 (continued)

Compound name	Z'-factor	AUC _n	%AUC _n	CIT ₅₀	ΔCIT ₅₀
CEsr-5231000	0.66	54.22	16.17	40:11:39	2.72
CEsr-7403000	0.66	49.33	5.70	38:31:56	1.06
CEmr-2890400	0.66	49.21	5.44	37:22:17	-0.10
CEsr-1680000	0.66	53.92	15.53	38:56:24	1.47
CEsr-2873000	0.66	46.80	0.27	36:12:46	-1.26
CEsr-7255000	0.66	52.70	12.92	37:37:45	0.16
CEsr-6770000	0.66	61.14	31.00	47:14:54	9.78
CEsr-2835000	0.66	48.18	3.22	37:53:21	0.42
CEsr-2851000	0.66	62.68	34.28	37:23:37	-0.08
CEsr-7333000	0.66	45.03	-3.52	38:52:06	1.40
CEsr-6778000	0.66	49.84	6.78	38:17:08	0.82
CEsr-4644000	0.66	54.80	17.40	39:46:02	2.30
C04 untreated mock-infected cells	0.856350614	183.90 ± 5.87	N.D	N.D	N.D
C04 untreated infected cells	0.86	38.23 ± 1.1	N.D	36:31:32	N.D
CEsr-3921000	0.86	53.65	40.33	47:08:49	10.62
CEmr-3153200	0.86	48.65	27.26	42:26:50	5.92
CEsr-5997000	0.86	48.75	27.51	42:22:44	5.85
CEsr-4082000	0.86	43.69	14.27	37:26:24	0.91
CEmr-2141200	0.86	44.90	17.45	38:43:59	2.21
CEmr-3135600	0.86	44.90	17.44	38:52:23	2.35
CEsr-4551000	0.86	49.32	29.00	42:12:31	5.68
CEsr-4850000	0.86	46.69	22.11	42:34:06	6.04
CEmr-3390400	0.86	50.00	30.79	41:39:57	5.14
CEmr-3354200	0.86	51.00	33.41	40:53:59	4.37
CEsr-6645000	0.86	53.53	40.01	41:06:07	4.58
CEmr-2983500	0.86	55.36	44.79	43:47:42	7.27
CEmr-3353000	0.86	49.22	28.75	41:11:19	4.66
CEmr-3351300	0.86	51.73	35.30	44:49:39	8.30
CEmr-2038000	0.86	47.17	23.39	39:24:32	2.88
CEsr-7421000	0.86	49.28	28.91	43:27:48	6.94
CEsr-2351000	0.86	48.92	27.95	42:22:58	5.86
CEmr-1671600	0.86	53.16	39.04	45:19:45	8.80
CEmr-1678000	0.86	52.33	36.89	42:33:55	6.04
CEsr-2703000	0.86	52.29	36.77	42:15:48	5.74
CEsr-2350000	0.86	50.91	33.16	41:53:22	5.36
CEsr-7385000	0.86	50.82	32.92	41:37:20	5.10
CEmr-1679200	0.86	47.44	24.08	40:07:30	3.60
CEmr-2102700	0.86	46.27	21.04	41:23:45	4.87
CEmr-8245000	0.86	37.91	-0.84	39:30:51	2.99
CEsr-5622000	0.86	50.16	31.21	39:50:17	3.31
CEmr-1678100	0.86	48.64	27.22	40:36:55	4.09
CEsr-2620000	0.86	39.93	4.45	39:12:33	2.68
CEsr-2619000	0.86	53.69	40.42	42:20:42	5.82
CEsr-2971000	0.86	51.24	34.03	39:10:41	2.65
CEsr-7372000	0.86	45.34	18.58	39:58:23	3.45
CEmr-2340900	0.86	51.75	35.37	43:27:27	6.93
CEmr-1676700	0.86	41.39	8.27	40:59:16	4.46
CEsr-7383000	0.86	45.28	18.44	40:22:51	3.86
CEsr-5744000	0.86	49.05	28.31	43:13:36	6.70
CEsr-1817000	0.86	46.30	21.11	42:42:57	6.19
CEmr-2584100	0.86	49.17	28.61	42:37:00	6.09
CEmr-2391500	0.86	52.73	37.93	41:50:52	5.32
CEmr-2391600	0.86	45.49	18.98	38:46:45	2.25
CEsr-1520000	0.86	55.51	45.18	44:34:34	8.05
CEsr-1721000	0.86	41.45	8.41	38:24:09	1.88
CEmr-1448100	0.86	45.97	20.25	45:13:19	8.70
CEsr-3830000	0.86	42.24	10.48	39:14:33	2.72
CEsr-1528000	0.86	43.19	12.96	38:47:05	2.26
CEsr-5508000	0.86	45.56	19.16	40:39:07	4.13
CEmr-2506800	0.86	51.98	35.97	44:55:16	8.40
CEsr-1564000	0.86	45.91	20.08	39:37:06	3.09
CEsr-5031000	0.86	47.79	25.01	41:19:03	4.79

(continued on next page)

Table 2 (continued)

Compound name	Z'-factor	AUC _n	%AUC _n	CIT ₅₀	ΔCIT ₅₀
CEsr-4914000	0.86	44.25	15.73	39:01:50	2.50
CEsr-3906000	0.86	45.06	17.87	40:49:04	4.29
CEsr-2175000	0.86	36.52	-4.47	37:44:04	1.21
CEsr-1627000	0.86	59.88	56.64	45:37:34	9.10
CEsr-3936000	0.86	45.30	18.49	40:22:46	3.85
CEsr-3947000	0.86	45.06	17.87	40:54:53	4.39
CEmr-2231700	0.86	51.44	34.54	43:46:04	7.24
CEmr-2501700	0.86	44.65	16.79	41:17:54	4.77
CEsr-3929000	0.86	41.66	8.98	39:40:27	3.15
CEsr-1639000	0.86	51.25	34.05	39:57:28	3.43
CEsr-1601000	0.86	50.22	31.36	40:18:26	3.78
CEmr-1632500	0.86	40.14	5.00	38:23:53	1.87
CEsr-5377000	0.86	42.86	12.11	38:28:20	1.95
CEmr-1607500	0.86	48.73	27.45	42:09:26	5.63
CEsr-1646000	0.86	47.45	24.11	39:43:48	3.20
CEsr-2301000	0.86	45.53	19.10	38:58:53	2.46
CEmr-2503300	0.86	61.15	59.94	51:04:54	14.56
CEmr-2036400	0.86	47.80	25.03	40:55:02	4.39
CEmr-1389700	0.86	39.00	2.01	37:11:27	0.67
CEsr-1161000	0.86	47.80	25.02	42:07:58	5.61
CEmr-3189500	0.86	29.91	-21.76	8:39:22	-27.87
CEmr-2810300	0.86	42.07	10.03	39:29:02	2.96
CEsr-6659000	0.86	47.40	23.98	45:24:39	8.89
CEsr-1143000	0.86	42.46	11.06	40:57:04	4.43
CEmr-1810200	0.86	35.65	-6.76	38:55:11	2.39
CEmr-2870600	0.86	48.24	26.18	42:32:48	6.02
CEmr-1713700	0.86	47.09	23.18	40:01:55	3.51
CEsr-1119000	0.86	46.77	22.33	42:49:44	6.30
CEmr-3220400	0.86	40.31	5.43	35:43:46	-0.80
CEsr-7431000	0.86	44.45	16.26	42:13:40	5.70
CEsr-1158000	0.86	45.34	18.60	42:30:42	5.99
CEsr-6547000	0.86	40.05	4.76	41:01:25	4.50
C05 untreated mock-infected cells	0.814647679	190.37 ± 6.24	N.D	N.D	N.D
C05 untreated infected cells	0.81	52.68 ± 2.27	N.D	38:40:55	N.D
CEsr-7478000	0.81	43.45	-17.52	40:50:13	2.16
CEmr-2137600	0.81	47.37	-10.07	39:08:42	0.46
CEsr-7531000	0.81	50.61	-3.93	42:19:23	3.64
CEmr-2981200	0.81	52.26	-0.79	43:33:29	4.88
CEsr-7420000	0.81	45.42	-13.78	42:41:08	4.00
CEsr-2607000	0.81	47.14	-10.50	40:34:50	1.90
CEsr-5019000	0.81	39.07	-25.83	38:03:05	-0.63
CEmr-3012200	0.81	46.74	-11.27	41:16:08	2.59
CEsr-5363000	0.81	34.85	-33.84	40:16:43	1.60
CEmr-3110000	0.81	52.31	-0.70	42:11:19	3.51
CEmr-3016600	0.81	43.23	-17.94	41:16:24	2.59
CEmr-3011300	0.81	46.12	-12.45	41:58:21	3.29
CEsr-5691000	0.81	55.28	4.95	41:09:39	2.48
CEsr-7469000	0.81	36.76	-30.21	36:45:31	-1.92
CEmr-2532800	0.81	59.59	13.13	42:44:53	4.07
CEmr-2932100	0.81	52.04	-1.21	43:07:16	4.44
CEmr-1983400	0.81	58.20	10.49	41:49:19	3.14
CEsr-4480000	0.81	46.65	-11.44	39:37:49	0.95
CEsr-6264000	0.81	43.60	-17.23	39:54:00	1.22
CEmr-2986800	0.81	40.81	-22.53	39:49:08	1.14
CEmr-2574400	0.81	50.93	-3.31	42:08:24	3.46
CEsr-4623000	0.81	50.10	-4.89	43:05:12	4.40
CEsr-4498000	0.81	47.21	-10.38	41:56:20	3.26
CEmr-1272800	0.81	52.78	0.19	40:22:14	1.69
CEsr-4345000	0.81	50.85	-3.47	41:22:24	2.69
CEmr-2135800	0.81	46.47	-11.78	42:07:45	3.45
CEsr-4433000	0.81	45.71	-13.23	38:30:59	-0.17
CEsr-4348000	0.81	47.31	-10.18	39:08:33	0.46

(continued on next page)

Table 2 (continued)

Compound name	Z'-factor	AUC _n	%AUC _n	CIT ₅₀	ΔCIT ₅₀
CEsr-4489000	0.81	54.28	3.04	44:26:12	5.75
CEsr-4634000	0.81	47.40	-10.02	39:26:42	0.76
CEsr-6064000	0.81	48.86	-7.24	41:29:23	2.81
CEsr-4314000	0.81	44.88	-14.81	40:12:47	1.53
CEsr-1424000	0.81	55.19	4.78	42:25:23	3.74
CEsr-2119000	0.81	47.63	-9.59	40:04:38	1.40
CEmr-2291200	0.81	50.02	-5.03	42:11:02	3.50
CEsr-4077000	0.81	49.16	-6.67	39:21:27	0.68
CEsr-1634000	0.81	52.59	-0.16	39:47:57	1.12
CEsr-6375000	0.81	53.93	2.38	42:03:11	3.37
CEsr-2624000	0.81	50.28	-4.55	41:15:17	2.57
CEmr-1676900	0.81	44.73	-15.09	39:16:57	0.60
CEsr-1551000	0.81	75.34	43.03	50:57:39	12.28
CEmr-1387900	0.81	54.39	3.26	42:13:18	3.54
CEmr-2585900	0.81	50.11	-4.88	38:57:21	0.27
CEsr-3176000	0.81	45.17	-14.25	42:15:31	3.58
CEsr-3663000	0.81	51.58	-2.08	40:41:25	2.01
CEmr-2783400	0.81	49.42	-6.17	40:25:07	1.74
CEmr-1683000	0.81	50.13	-4.83	42:13:41	3.55
CEmr-1275000	0.81	51.69	-1.87	41:30:08	2.82
CEmr-1332600	0.81	53.25	1.09	42:58:44	4.30
CEsr-6289000	0.81	52.09	-1.11	41:28:29	2.79
CEmr-2108600	0.81	48.21	-8.48	45:15:02	6.57
CEmr-2326000	0.81	49.28	-6.44	42:56:02	4.25
CEmr-2290300	0.81	48.75	-7.45	42:47:53	4.12
CEmr-1274800	0.81	53.36	1.30	41:50:21	3.16
CEmr-hm71700	0.81	50.44	-4.24	41:18:44	2.63
CEsr-2574000	0.81	55.21	4.81	42:15:47	3.58
CEsr-5486000	0.81	46.10	-12.47	39:06:22	0.42
CEsr-6065000	0.81	38.71	-26.51	37:51:29	-0.82
CEsr-2191000	0.81	41.05	-22.07	39:59:17	1.31
CEsr-4401000	0.81	42.77	-18.80	38:29:12	-0.20
CEsr-2125000	0.81	45.65	-13.33	39:12:09	0.52
CEmr-1272000	0.81	46.91	-10.94	39:21:48	0.68
CEmr-1941300	0.81	50.29	-4.53	42:25:14	3.74
CEsr-7440000	0.81	43.02	-18.33	41:01:05	2.34
CEsr-1683000	0.81	47.99	-8.89	39:48:47	1.13
CEmr-1847200	0.81	46.39	-11.94	39:46:27	1.09
CEsr-1559000	0.81	40.61	-22.90	37:00:01	-1.68
CEmr-2587500	0.81	50.51	-4.11	41:08:44	2.46
CEsr-1642000	0.81	40.24	-23.61	38:05:14	-0.59
CEsr-7001000	0.81	62.01	17.71	40:56:34	2.26
CEsr-1685000	0.81	52.99	0.60	40:23:52	1.72
CEmr-3045200	0.81	55.21	4.81	43:35:23	4.91
CEsr-4081000	0.81	46.56	-11.61	43:32:32	4.86
CEsr-1654000	0.81	51.13	-2.93	41:19:30	2.64
CEsr-6358000	0.81	51.66	-1.93	42:09:45	3.48
CEsr-1965000	0.81	46.45	-11.83	40:13:58	1.55
CEsr-2050000	0.81	50.82	-3.52	43:28:33	4.79
CEmr-3015500	0.81	47.32	-10.17	38:43:58	0.05
CEsr-1770000	0.81	56.21	6.70	43:10:52	4.50
CEmr-2107500	0.81	50.93	-3.32	42:47:58	4.12
C06 untreated mock-infected cells	0.62595441	197.79 ± 14.68	N.D	N.D	N.D
C06 untreated infected cells	0.63	54.03 ± 3.24	N.D	41:55:32	N.D
CEsr-2407000	0.63	39.85	-26.25	39:06:04	-2.82
CEmr-2149000	0.63	48.13	-10.93	41:09:17	-0.77
CEmr-2362200	0.63	44.80	-17.09	38:45:04	-3.17
CEsr-7462000	0.63	51.00	-5.62	43:07:40	1.20

(continued on next page)

Table 2 (continued)

Compound name	Z'-factor	AUC _n	%AUC _n	CIT ₅₀	ΔCIT ₅₀
CEsr-2383000	0.63	46.01	-14.85	40:19:57	-1.59
CEmr-2969400	0.63	50.66	-6.25	42:13:07	0.29
CEsr-2402000	0.63	55.34	2.43	43:09:04	1.23
CEsr-2638000	0.63	46.27	-14.38	39:37:00	-2.31
CEsr-5553000	0.63	45.45	-15.89	38:53:12	-3.04
CEmr-2980400	0.63	51.12	-5.40	40:41:55	-1.23
CEmr-3021400	0.63	43.73	-19.08	39:29:23	-2.44
CEsr-7360000	0.63	44.48	-17.68	40:52:59	-1.04
CEsr-3043000	0.63	44.75	-17.19	42:09:16	0.23
CEsr-4993000	0.63	42.95	-20.51	40:13:03	-1.71
CEsr-7373000	0.63	47.49	-12.11	40:15:00	-1.68
CEsr-7369000	0.63	46.64	-13.68	39:35:18	-2.34
CEsr-3046000	0.63	43.23	-20.00	39:37:09	-2.31
CEsr-3151000	0.63	40.78	-24.52	38:45:04	-3.17
CEsr-2956000	0.63	48.54	-10.17	39:29:16	-2.44
CEsr-7386000	0.63	42.47	-21.40	39:45:41	-2.16
CEmr-3043000	0.63	47.07	-12.88	41:58:24	0.05
CEmr-3046100	0.63	44.86	-16.98	41:25:39	-0.50
CEsr-7352000	0.63	47.93	-11.29	41:58:55	0.06
CEmr-2364400	0.63	46.28	-14.35	40:08:49	-1.78
CEsr-1122000	0.63	47.88	-11.39	40:10:04	-1.76
CEsr-5821000	0.63	46.55	-13.85	38:53:20	-3.04
CEmr-3092500	0.63	42.81	-20.77	39:27:35	-2.47
CEsr-6995000	0.63	46.36	-14.20	41:01:49	-0.90
CEsr-1167000	0.63	44.06	-18.46	41:12:41	-0.71
CEsr-5286000	0.63	43.39	-19.70	38:46:14	-3.15
CEsr-5287000	0.63	45.79	-15.26	37:13:53	-4.69
CEmr-1891100	0.63	43.80	-18.94	39:15:07	-2.67
CEsr-6827000	0.63	48.78	-9.72	41:59:03	0.06
CEmr-3224300	0.63	35.52	-34.26	41:08:21	-0.79
CEmr-3391700	0.63	47.34	-12.39	39:56:27	-1.98
CEmr-1870000	0.63	42.40	-21.52	39:53:35	-2.03
CEmr-2701200	0.63	40.70	-24.67	38:55:03	-3.01
CEmr-3017800	0.63	50.66	-6.24	42:48:05	0.88
CEmr-3221000	0.63	46.89	-13.22	41:05:30	-0.83
CEsr-5952000	0.63	38.12	-29.46	36:54:30	-5.02
CEsr-5646000	0.63	47.57	-11.97	39:57:16	-1.97
CEsr-7036000	0.63	45.81	-15.22	40:25:39	-1.50
CEsr-5021000	0.63	38.23	-29.24	38:43:46	-3.20
CEmr-2532500	0.63	45.70	-15.41	42:17:39	0.37
CEsr-5707000	0.63	36.02	-33.33	36:35:47	-5.33
CEsr-5777000	0.63	42.71	-20.95	41:31:44	-0.40
CEmr-1414100	0.63	46.19	-14.51	40:34:32	-1.35
CEsr-6619000	0.63	48.40	-10.43	43:05:02	1.16
CEsr-1750000	0.63	44.47	-17.69	40:06:08	-1.82
CEmr-1842900	0.63	43.50	-19.50	38:39:19	-3.27
CEmr-2283500	0.63	35.82	-33.71	36:58:49	-4.95
CEsr-7077000	0.63	39.84	-26.27	39:52:22	-2.05
CEsr-7052000	0.63	42.40	-21.53	40:59:57	-0.93
CEmr-2398200	0.63	50.59	-6.37	43:25:58	1.51
CEsr-7062000	0.63	46.19	-14.52	42:08:35	0.22
CEsr-1839000	0.63	45.73	-15.36	39:09:07	-2.77
CEmr-2576800	0.63	37.53	-30.54	35:56:06	-5.99
CEmr-3187700	0.63	43.34	-19.79	37:47:15	-4.14
CEmr-2138200	0.63	44.38	-17.87	41:19:39	-0.60
CEmr-2585500	0.63	45.29	-16.18	40:10:40	-1.75
CEmr-3184300	0.63	36.37	-32.69	38:28:50	-3.44
CEmr-3183600	0.63	39.00	-27.81	41:02:29	-0.88
CEsr-7108000	0.63	53.14	-1.65	40:42:33	-1.22

(continued on next page)

Table 2 (continued)

Compound name	Z'-factor	AUC _n	%AUC _n	CIT ₅₀	ΔCIT ₅₀
CEsr-7025000	0.63	41.87	-22.50	38:40:46	-3.25
CEmr-2107200	0.63	42.96	-20.50	39:58:44	-1.95
CEsr-6947000	0.63	50.45	-6.63	41:26:53	-0.48
CEsr-7466000	0.63	36.44	-32.56	36:41:40	-5.23
CEmr-1981400	0.63	47.21	-12.63	41:16:38	-0.65
CEsr-7010000	0.63	45.80	-15.24	41:09:23	-0.77
CEmr-2794900	0.63	44.48	-17.67	38:00:35	-3.92
CEsr-2968000	0.63	46.22	-14.47	39:56:24	-1.99
CEsr-7518000	0.63	42.18	-21.93	38:10:01	-3.76
CEmr-1617300	0.63	43.28	-19.90	39:41:21	-2.24
CEsr-6955000	0.63	50.13	-7.23	41:24:37	-0.52
CEmr-3224400	0.63	41.50	-23.19	39:22:13	-2.56
CEmr-1473700	0.63	44.39	-17.84	39:05:59	-2.83
CEsr-1999000	0.63	45.73	-15.37	38:16:14	-3.65
CEmr-1843100	0.63	39.85	-26.25	36:57:38	-4.96
CEsr-7279000	0.63	39.04	-27.75	38:56:05	-2.99
CEmr-1554200	0.63	50.63	-6.31	45:46:31	3.85
C07 untreated mock-infected cells	0.8693	186.41 ± 4.44	N.D	N.D	N.D
C07 untreated infected cells	0.87	54.55 ± 1.31	N.D	37:21:37	N.D
CEsr-6091000	0.87	54.52	-0.07	38:15:35	0.90
CEmr-1371700	0.87	53.27	-2.35	40:43:23	3.36
CEsr-6362000	0.87	71.33	30.76	49:16:16	11.91
CEmr-2232500	0.87	50.23	-7.93	39:06:13	1.74
CEsr-4565000	0.87	47.08	-13.71	38:21:00	0.99
CEmr-1711900	0.87	57.05	4.57	38:44:45	1.39
CEsr-4278000	0.87	54.73	0.32	38:17:42	0.93
CEsr-2077000	0.87	52.57	-3.64	36:16:23	-1.09
CEmr-2532400	0.87	54.48	-0.14	39:38:12	2.28
CEsr-4279000	0.87	54.44	-0.21	38:46:34	1.42
CEsr-2053000	0.87	36.07	-33.88	35:10:09	-2.19
CEsr-2112000	0.87	47.93	-12.15	40:15:18	2.89
CEsr-2054000	0.87	50.04	-8.28	37:47:24	0.43
CEsr-6966000	0.87	58.74	7.67	37:13:52	-0.13
CEsr-1673000	0.87	50.72	-7.02	37:26:44	0.09
CEsr-4259000	0.87	50.13	-8.11	37:13:57	-0.13
CEsr-5812000	0.87	46.47	-14.82	36:59:54	-0.36
CEmr-2501800	0.87	63.41	16.23	44:06:14	6.74
CEmr-2610600	0.87	52.58	-3.62	38:51:26	1.50
CEsr-2142000	0.87	47.41	-13.10	40:16:07	2.91
CEmr-1931700	0.87	51.45	-5.69	37:11:10	-0.17
CEsr-1674000	0.87	54.00	-1.02	39:43:22	2.36
CEsr-2096000	0.87	52.37	-4.00	39:06:08	1.74
CEsr-5182000	0.87	48.39	-11.30	38:43:59	1.37
CEmr-1675400	0.87	49.48	-9.31	38:14:46	0.89
CEmr-2986100	0.87	47.05	-13.75	40:54:54	3.55
CEmr-2555000	0.87	51.92	-4.83	38:20:33	0.98
CEsr-7290000	0.87	56.89	4.29	38:31:13	1.16
CEsr-7574000	0.87	50.29	-7.81	41:14:30	3.88
CEmr-2890700	0.87	32.02	-41.31	38:19:16	0.96
CEmr-2891500	0.87	63.03	15.53	41:29:24	4.13
CEmr-3073800	0.87	52.34	-4.06	38:46:02	1.41
CEmr-3080800	0.87	52.21	-4.30	38:08:51	0.79
CEmr-2600500	0.87	52.00	-4.68	39:10:57	1.82
CEmr-2329600	0.87	54.55	-0.01	42:08:46	4.79
CEsr-5924000	0.87	52.35	-4.03	38:24:44	1.05
CEsr-1605000	0.87	46.51	-14.75	35:53:29	-1.47
CEsr-2251000	0.87	48.58	-10.95	38:51:28	1.50
CEmr-3188000	0.87	50.43	-7.55	38:25:06	1.06
CEsr-5800000	0.87	50.65	-7.16	36:58:47	-0.38

(continued on next page)

Table 2 (continued)

Compound name	Z'-factor	AUC _n	%AUC _n	CIT ₅₀	ΔCIT ₅₀
CEmr-2875900	0.87	48.22	-11.60	36:57:09	-0.41
CEsr-5485000	0.87	50.98	-6.56	37:19:48	-0.03
CEmr-2876200	0.87	50.15	-8.08	37:32:21	0.18
CEpa-3	0.87	61.78	13.25	45:09:08	7.79
CEmr-2877100	0.87	60.59	11.07	40:37:43	3.27
CEsr-1591000	0.87	54.47	-0.16	38:44:08	1.38
CEsr-6546000	0.87	52.06	-4.57	39:15:23	1.90
CEsr-1612000	0.87	58.79	7.76	39:05:57	1.74
CEsr-1632000	0.87	59.80	9.62	38:31:56	1.17
CEmr-2664700	0.87	50.25	-7.88	40:39:34	3.30
CEmr-2876100	0.87	50.06	-8.24	39:27:44	2.10
CEsr-5543000	0.87	60.12	10.21	41:22:56	4.02
CEsr-2265000	0.87	50.52	-7.40	39:49:52	2.47
CEsr-5517000	0.87	56.92	4.34	38:41:51	1.34
CEsr-5561000	0.87	53.45	-2.02	38:48:25	1.45
CEsr-5571000	0.87	76.38	40.01	40:39:59	3.31
CEmr-2031900	0.87	53.44	-2.05	40:46:12	3.41
CEsr-3966000	0.87	45.73	-16.18	38:22:38	1.02
CEsr-5837000	0.87	45.96	-15.76	41:12:46	3.85
CEmr-1947400	0.87	52.94	-2.97	37:23:30	0.03
CEsr-4980000	0.87	56.92	4.33	38:29:32	1.13
CEsr-3585000	0.87	55.80	2.29	38:18:45	0.95
CEsr-2285000	0.87	50.78	-6.92	36:27:39	-0.90
CEsr-5343000	0.87	51.42	-5.74	37:35:25	0.23
CEsr-5347000	0.87	44.18	-19.02	37:33:05	0.19
CEmr-1985700	0.87	51.49	-5.61	39:56:11	2.58
CEmr-1278100	0.87	52.81	-3.19	39:39:20	2.30
CEsr-5353000	0.87	54.64	0.16	38:01:02	0.66
CEsr-7480000	0.87	49.45	-9.35	37:39:52	0.30
CEmr-1075400	0.87	55.98	2.62	37:21:53	0.00
CEsr-3597000	0.87	54.65	0.18	39:34:36	2.22
CEmr-6630000	0.87	55.88	2.42	38:03:21	0.70
CEsr-1827000	0.87	62.14	13.91	37:21:43	0.00
CEsr-4592000	0.87	50.56	-7.31	37:32:21	0.18
CEsr-5268000	0.87	48.90	-10.37	37:17:07	-0.08
CEsr-1169000	0.87	47.22	-13.45	37:05:20	-0.27
CEsr-7445000	0.87	56.35	3.30	38:22:40	1.02
CEmr-2587000	0.87	58.29	6.85	39:24:55	2.05
CEmr-2985600	0.87	51.16	-6.22	38:13:29	0.86
CEmr-2386800	0.87	54.23	-0.59	38:03:33	0.70
C08 untreated mock-infected cells	0.74	156.52 ± 8.90	N.D	N.D	N.D
C08 untreated infected cells	0.74	49.02 ± 0.34	N.D	39:02:13	N.D
CEsr-2888000	0.74	54.76	11.70	40:43:52	1.69
CEsr-7038000	0.74	56.52	15.28	39:34:10	0.53
CEsr-2870000	0.74	49.61	1.20	39:45:25	0.72
CEsr-1682000	0.74	49.47	0.92	38:52:54	-0.16
CEsr-4845000	0.74	49.10	0.17	40:10:23	1.14
CEsr-4773000	0.74	49.15	0.26	39:19:26	0.29
CEsr-6768000	0.74	47.39	-3.34	38:26:43	-0.59
CEsr-1670000	0.74	54.61	11.41	39:17:33	0.26
CEmr-1621200	0.74	50.35	2.71	38:55:13	-0.12
CEsr-7191000	0.74	49.41	0.80	37:37:45	-1.41
CEsr-6878000	0.74	45.81	-6.54	38:17:48	-0.74
CEsr-6024000	0.74	47.50	-3.11	37:29:45	-1.54
CEsr-6523000	0.74	46.38	-5.38	37:14:06	-1.80
CEmr-1846000	0.74	46.81	-4.51	38:18:22	-0.73
CEmr-1322600	0.74	51.95	5.97	37:00:11	-2.03
CEsr-6861000	0.74	56.90	16.08	42:57:40	3.92
CEsr-6912000	0.74	47.18	-3.76	35:30:25	-3.53
CEsr-6931000	0.74	49.17	0.30	36:56:00	-2.10
CEmr-2645700	0.74	44.01	-10.23	31:57:23	-7.08
CEsr-1300001	0.74	51.79	5.64	39:46:38	0.74

(continued on next page)

Table 2 (continued)

Compound name	Z'-factor	AUC _n	%AUC _n	CIT ₅₀	ΔCIT ₅₀
CEsr-6934000	0.74	50.59	3.21	40:07:31	1.09
CEsr-6017000	0.74	51.45	4.95	40:05:38	1.06
CEsr-1481000	0.74	50.19	2.38	38:33:23	-0.48
CEsr-2942000	0.74	46.34	-5.48	37:29:52	-1.54
CEsr-6928000	0.74	46.85	-4.44	36:32:46	-2.49
CEmr-1997000	0.74	48.47	-1.14	36:39:54	-2.37
CEmr-2704600	0.74	46.38	-5.38	38:19:59	-0.70
CEsr-5527000	0.74	50.73	3.49	38:56:47	-0.09
CEmr-1561400	0.74	53.15	8.43	40:09:11	1.12
CEsr-4828000	0.74	48.29	-1.49	38:39:48	-0.37
CEmr-2580500	0.74	47.79	-2.51	40:20:45	1.31
CEsr-5326000	0.74	43.45	-11.36	39:46:03	0.73
CEsr-4830000	0.74	53.29	8.70	38:34:08	-0.47
CEsr-4836000	0.74	46.73	-4.67	38:10:11	-0.87
CEmr-1216000	0.74	51.31	4.67	38:29:48	-0.54
CEmr-2874400	0.74	42.17	-13.98	39:23:15	0.35
CEsr-4838000	0.74	47.73	-2.64	36:00:08	-3.03
CEsr-4809000	0.74	48.60	-0.86	36:57:05	-2.09
CEsr-4833000	0.74	47.81	-2.48	38:30:05	-0.54
CEsr-1414000	0.74	41.55	-15.25	35:08:44	-3.89
CEmr-2637900	0.74	46.73	-4.67	38:03:05	-0.99
CEmr-3052600	0.74	56.89	16.05	38:22:00	-0.67
CEmr-3066000	0.74	47.64	-2.82	38:30:35	-0.53
CEmr-2282300	0.74	52.95	8.00	35:34:22	-3.46
CEmr-3065800	0.74	53.92	9.99	39:40:36	0.64
CEmr-9479000	0.74	58.68	19.70	38:48:53	-0.22
CEsr-2184000	0.74	46.53	-5.08	36:45:27	-2.28
CEmr-1843500	0.74	47.51	-3.09	37:36:24	-1.43
CEmr-3065200	0.74	55.76	13.75	39:51:59	0.83
CEsr-6622000	0.74	46.23	-5.70	36:23:22	-2.65
CEmr-2323700	0.74	45.53	-7.13	37:45:47	-1.27
CEmr-3091000	0.74	46.05	-6.06	37:49:48	-1.21
CEmr-3065400	0.74	56.33	14.90	40:50:06	1.80
CEsr-4221000	0.74	45.84	-6.49	39:17:28	0.25
CEsr-7417000	0.74	43.01	-12.27	37:18:09	-1.73
CEsr-4260000	0.74	50.13	2.25	40:42:58	1.68
CEsr-6121000	0.74	49.28	0.53	38:28:06	-0.57
CEsr-2151000	0.74	40.66	-17.07	37:39:32	-1.38
CEsr-6852000	0.74	48.03	-2.03	37:04:57	-1.95
CEsr-4222000	0.74	47.12	-3.89	37:43:14	-1.32
CEsr-1079000	0.74	49.09	0.13	38:06:25	-0.93
CEsr-4251000	0.74	47.31	-3.49	45:11:38	6.16
CEsr-2207000	0.74	44.70	-8.83	36:59:11	-2.05
CEsr-1004000	0.74	43.69	-10.87	36:38:29	-2.40
CEmr-3064200	0.74	54.21	10.59	38:46:37	-0.26
CEsr-6131000	0.74	51.89	5.85	39:17:32	0.26
CEmr-2985200	0.74	46.64	-4.86	36:34:01	-2.47
CEmr-1458701	0.74	53.38	8.89	39:55:06	0.88
CEmr-2986600	0.74	48.41	-1.26	39:10:09	0.13
CEmr-2575600	0.74	51.66	5.39	38:51:23	-0.18
CEsr-3379000	0.74	42.15	-14.01	39:13:20	0.19
CEmr-3098500	0.74	40.18	-18.05	36:43:59	-2.30
CEsr-6394000	0.74	49.06	0.08	38:14:34	-0.79
CEmr-2636600	0.74	55.21	12.62	39:30:54	0.48
CEsr-2642000	0.74	44.42	-9.39	38:24:56	-0.62
CEsr-1550000	0.74	55.45	13.11	40:29:16	1.45
CEsr-5667000	0.74	46.72	-4.70	36:37:56	-2.40
CEsr-2195000	0.74	53.68	9.50	39:46:02	0.73
CEsr-5709000	0.74	46.80	-4.53	37:12:32	-1.83
CEmr-2286700	0.74	56.25	14.75	38:24:24	-0.63
C09 untreated mock-infected cells	0.836	160.87 ± 5.24	N.D	N.D	N.D
C09 untreated infected cells	0.84	51.12 ± 0.76	N.D	39:10:05	N.D

(continued on next page)

Table 2 (continued)

Compound name	Z'-factor	AUC _n	%AUC _n	CIT ₅₀	ΔCIT ₅₀
CEmr-1502800	0.84	59.93	17.22	41:40:55	2.51
CEsr-4507000	0.84	56.64	10.80	39:21:05	0.18
CEmr-2328000	0.84	55.56	8.67	37:23:47	-1.77
CEsr-4402000	0.84	49.03	-4.09	38:00:16	-1.16
CEsr-7399000	0.84	56.01	9.56	39:04:40	-0.09
CEsr-4407000	0.84	59.33	16.05	39:22:24	0.21
CEmr-2392700	0.84	55.31	8.18	39:03:20	-0.11
CEmr-2392500	0.84	66.93	30.92	41:07:48	1.96
CEmr-1502600	0.84	59.22	15.84	41:17:27	2.12
CEmr-2108200	0.84	49.76	-2.67	38:02:49	-1.12
CEsr-2058000	0.84	53.02	3.71	39:12:39	0.04
CEmr-1508100	0.84	49.87	-2.45	36:39:05	-2.52
CEsr-4626000	0.84	52.71	3.10	40:22:30	1.21
CEsr-3343000	0.84	56.59	10.69	37:16:44	-1.89
CEmr-1503400	0.84	63.61	24.43	40:37:00	1.45
CEmr-2323100	0.84	54.31	6.23	36:38:05	-2.53
CEmr-2109800	0.84	53.82	5.28	36:53:10	-2.28
CEpa-5	0.84	53.18	4.01	37:38:32	-1.53
CEmr-3393400	0.84	55.09	7.76	39:00:23	-0.16
CEsr-2445000	0.84	53.94	5.51	38:41:31	-0.48
CEmr-1446400	0.84	50.87	-0.50	37:09:29	-2.01
CEsr-2492000	0.84	56.12	9.77	38:38:49	-0.52
CEsr-4689000	0.84	54.58	6.76	38:45:48	-0.40
CEsr-5048000	0.84	41.23	-19.36	38:47:49	-0.37
CEsr-2520000	0.84	60.04	17.44	38:45:13	-0.41
CEmr-1442700	0.84	53.60	4.85	37:41:21	-1.48
CEsr-3475000	0.84	52.15	2.01	39:52:56	0.71
CEmr-2037900	0.84	54.63	6.86	39:53:23	0.72
CEsr-3965000	0.84	50.34	-1.53	36:36:53	-2.55
CEsr-5078000	0.84	57.98	13.41	38:32:47	-0.62
CEmr-2244800	0.84	58.54	14.50	45:21:07	6.18
CEsr-7088000	0.84	25.14	-50.83	11:46:39	-27.39
CEsr-3953000	0.84	49.35	-3.47	35:05:14	-4.08
CEmr-1385100	0.84	53.54	4.73	40:02:05	0.87
CEmr-2532100	0.84	58.32	14.08	42:45:06	3.58
CEsr-2477000	0.84	44.34	-13.27	38:27:44	-0.71
CEmr-3221400	0.84	68.45	33.88	42:30:47	3.34
CEsr-1054000	0.84	64.55	26.26	41:40:14	2.50
CEsr-5509000	0.84	55.84	9.22	39:46:36	0.61
CEmr-3063400	0.84	56.49	10.49	39:52:06	0.70
CEpa-13	0.84	47.96	-6.19	36:28:24	-2.69
CEmr-1571000	0.84	53.90	5.43	37:38:16	-1.53
CEmr-2247700	0.84	43.45	-15.01	38:23:18	-0.78
CEsr-2006000	0.84	50.83	-0.58	39:34:52	0.41
CEmr-3063700	0.84	55.62	8.79	49:02:11	9.87
CEmr-2530300	0.84	49.60	-2.99	38:55:04	-0.25
CEsr-6742000	0.84	49.53	-3.12	43:46:20	4.60
CEsr-2470000	0.84	57.52	12.51	39:57:58	0.80
CEmr-3222900	0.84	50.72	-0.80	39:09:25	-0.01
CEmr-1848500	0.84	49.99	-2.22	38:34:29	-0.59
CEsr-3172000	0.84	62.66	22.56	42:58:08	3.80
CEmr-2241300	0.84	53.18	4.03	41:40:03	2.50
CEsr-3958000	0.84	53.04	3.76	39:43:58	0.56
CEsr-2469000	0.84	60.42	18.18	39:58:39	0.81
CEmr-2364800	0.84	54.59	6.78	38:10:14	-1.00
CEsr-4863000	0.84	59.04	15.48	38:38:55	-0.52
CEmr-hm63500	0.84	59.03	15.46	38:45:38	-0.41
CEmr-1407200	0.84	57.47	12.41	39:13:34	0.06
CEsr-3587000	0.84	47.45	-7.19	35:50:11	-3.33
CEsr-3586000	0.84	59.20	15.79	42:55:16	3.75
CEmr-1671400	0.84	57.46	12.39	40:52:13	1.70
CEmr-2396200	0.84	50.43	-1.35	38:13:29	-0.94

(continued on next page)

Table 2 (continued)

Compound name	Z'-factor	AUC _n	%AUC _n	CIT ₅₀	ΔCIT ₅₀
CEmr-2700600	0.84	54.87	7.34	39:46:24	0.61
CEmr-1811900	0.84	55.66	8.88	39:43:47	0.56
CEsr-3659000	0.84	49.73	-2.72	38:01:56	-1.14
CEsr-4461000	0.84	62.04	21.34	38:38:45	-0.52
CEmr-2811300	0.84	55.62	8.80	36:37:45	-2.54
CEmr-2150000	0.84	59.03	15.47	40:18:34	1.14
CEsr-1868000	0.84	49.51	-3.16	37:19:22	-1.85
CEsr-1913000	0.84	61.42	20.14	36:47:15	-2.38
CEmr-1676100	0.84	59.19	15.79	39:15:01	0.08
CEmr-1502100	0.84	64.74	26.63	38:33:28	-0.61
CEsr-4590000	0.84	46.52	-9.00	37:26:46	-1.72
CEsr-4602000	0.84	54.09	5.80	40:04:53	0.91
CEsr-1865000	0.84	59.23	15.85	40:36:00	1.43
CEsr-1874000	0.84	56.21	9.96	40:26:00	1.27
CEmr-2391200	0.84	51.73	1.19	39:31:27	0.36
CEsr-1910000	0.84	64.01	25.21	38:53:02	-0.28
CEsr-1920000	0.84	53.61	4.85	42:26:39	3.28
CEmr-2396000	0.84	57.55	12.56	39:47:18	0.62
C10 untreated mock-infected cells	0.82	142.83 ± 4.21	N.D	N.D	N.D
C10 untreated infected cells	0.82	36.03 ± 2.22	N.D	34:21:36	N.D
CEmr-3183500	0.82	29.63	-17.77	36:35:51	1.20
CEsr-1385000	0.82	38.16	5.92	39:39:14	4.26
CEsr-1879000	0.82	36.42	1.09	39:16:29	3.88
CEsr-5583000	0.82	37.96	5.35	38:22:26	2.98
CEsr-2038000	0.82	40.27	11.78	38:51:42	3.47
CEmr-2881800	0.82	36.83	2.22	35:46:55	0.39
CEsr-2266000	0.82	35.99	-0.12	34:19:04	-1.08
CEsr-4083000	0.82	35.38	-1.80	34:24:14	-0.99
CEmr-2395800	0.82	32.54	-9.68	34:22:51	-1.02
CEmr-3187900	0.82	38.29	6.26	37:43:06	2.32
CEsr-1878000	0.82	38.60	7.13	35:36:08	0.21
CEmr-3188900	0.82	40.25	11.72	38:47:40	3.40
CEsr-4091000	0.82	37.50	4.09	34:30:57	-0.88
CEmr-1440100	0.82	39.95	10.88	37:07:44	1.73
CEsr-4106000	0.82	37.11	3.00	36:18:00	0.90
CEmr-2440400	0.82	34.62	-3.90	34:34:45	-0.82
CEmr-3370000	0.82	27.71	-23.09	34:39:18	-0.74
CEsr-4783000	0.82	36.99	2.67	37:10:56	1.79
CEmr-2574200	0.82	33.80	-6.18	36:01:56	0.64
CEmr-3119900	0.82	36.88	2.35	39:53:58	4.50
CEmr-2707900	0.82	38.46	6.74	37:27:27	2.06
CEmr-2612200	0.82	37.93	5.26	37:35:53	2.20
CEmr-1841900	0.82	37.02	2.74	35:52:19	0.48
CEmr-3265600	0.82	38.57	7.06	38:21:33	2.96
CEsr-1254000	0.82	32.27	-10.44	34:04:01	-1.33
CEsr-1711000	0.82	36.84	2.24	37:26:20	2.04
CEmr-3119000	0.82	33.88	-5.98	35:15:32	-0.14
CEpa-58	0.82	37.32	3.59	36:39:19	1.26
CEsr-6475000	0.82	32.61	-9.49	37:18:31	1.91
CEsr-6158000	0.82	35.29	-2.05	34:20:38	-1.05
CEpa-54	0.82	37.15	3.10	36:04:35	0.68
CEsr-6087000	0.82	37.32	3.58	36:50:52	1.45
CEsr-6515000	0.82	34.90	-3.13	34:59:50	-0.40
CEpa-45	0.82	39.19	8.78	36:00:00	0.60
CEsr-6298000	0.82	36.89	2.38	35:59:01	0.59
CEmr-2587700	0.82	39.96	10.90	36:21:13	0.96
CEsr-6494000	0.82	35.68	-0.97	36:01:43	0.63
CEsr-6255000	0.82	35.41	-1.73	34:07:02	-1.28
CEmr-2582900	0.82	42.90	19.05	38:37:21	3.23
CEmr-1843900	0.82	31.28	-13.18	33:19:09	-2.08
CEsr-3831000	0.82	33.61	-6.73	34:10:45	-1.22
CEmr-2399900	0.82	43.63	21.10	38:40:43	3.28

(continued on next page)

Table 2 (continued)

Compound name	Z'-factor	AUC _n	%AUC _n	CIT ₅₀	ΔCIT ₅₀
CEsr-4928000	0.82	35.11	-2.54	35:07:22	-0.27
CEmr-2381200	0.82	35.43	-1.66	33:05:09	-2.31
CEmr-1095900	0.82	35.75	-0.79	31:40:53	-3.72
CEmr-2090800	0.82	41.26	14.52	38:20:17	2.94
CEsr-4308000	0.82	33.50	-7.01	33:56:46	-1.45
CEmr-2301100	0.82	38.38	6.52	37:24:40	2.01
CEsr-1260000	0.82	39.14	8.63	38:06:48	2.72
CEmr-2385800	0.82	38.00	5.47	37:39:29	2.26
CEmr-2381500	0.82	40.05	11.16	38:40:07	3.27
CEmr-2383700	0.82	32.42	-10.01	34:46:01	-0.63
CEsr-4340000	0.82	37.05	2.82	34:44:53	-0.65
CEmr-1558200	0.82	41.12	14.12	37:14:07	1.84
CEsr-6129000	0.82	40.31	11.88	38:37:21	3.23
CEsr-7298000	0.82	37.87	5.12	35:35:33	0.20
CEmr-1400600	0.82	41.86	16.19	42:54:17	7.51
CEsr-2508000	0.82	38.70	7.40	37:26:12	2.04
CEmr-3180100	0.82	35.74	-0.81	42:19:09	6.92
CEmr-2550300	0.82	34.95	-3.00	34:58:37	-0.42
CEsr-7449000	0.82	42.53	18.03	40:26:59	5.05
CEmr-2388800	0.82	40.71	13.00	38:04:30	2.68
CEmr-1843800	0.82	39.40	9.35	38:28:43	3.08
CEsr-7446000	0.82	35.85	-0.50	36:54:35	1.51
CEmr-1632100	0.82	38.21	6.04	38:40:08	3.27
CEmr-2244700	0.82	40.69	12.94	39:17:26	3.89
CEsr-6047000	0.82	39.60	9.92	37:39:01	2.25
CEsr-2089000	0.82	37.58	4.31	38:26:39	3.05
CEmr-1733600	0.82	40.56	12.57	38:30:05	3.11
CEmr-3014200	0.82	39.01	8.27	38:02:04	2.64
CEsr-2587000	0.82	29.36	-18.50	29:37:51	-5.77
CEmr-8800000	0.82	25.27	-29.88	31:56:41	-3.45
CEsr-1068000	0.82	16.72	-53.61	29:28:03	-5.93
CEsr-4381000	0.82	38.63	7.21	39:57:47	4.57
CEsr-4393000	0.82	38.22	6.07	36:42:24	1.31
CEmr-2264900	0.82	36.27	0.65	35:41:36	0.30
CEmr-3096200	0.82	43.05	19.50	40:04:26	4.68
CEsr-4998000	0.82	39.95	10.89	36:44:23	1.34
CEsr-3107000	0.82	41.55	15.32	39:27:04	4.05
CEmr-3202200	0.82	40.76	13.14	37:22:11	1.97
C11 untreated mock-infected cells	0.78	154.01 ± 7.20	N.D	N.D	N.D
C11 untreated infected cells	0.78	39.72 ± 1.17	N.D	35:14:43	N.D
CEsr-5668000	0.78	35.60	-10.37	34:08:38	-3.63
CEsr-3001000	0.78	41.95	5.63	40:38:41	2.87
CEsr-3124000	0.78	27.53	-30.68	32:57:47	-4.81
CEsr-2983000	0.78	33.71	-15.12	36:57:00	-0.83
CEmr-1456000	0.78	38.65	-2.69	39:57:52	2.19
CEsr-4596000	0.78	34.54	-13.05	35:35:16	-2.19
CEmr-2394000	0.78	37.71	-5.07	38:36:20	0.83
CEsr-4103000	0.78	43.00	8.25	38:19:34	0.55
CEsr-3022000	0.78	37.14	-6.50	34:15:44	-3.51
CEsr-4652000	0.78	40.25	1.34	38:56:32	1.17
CEsr-3805000	0.78	37.84	-4.73	36:24:19	-1.37
CEsr-7041000	0.78	42.14	6.09	39:31:45	1.75
CEsr-2762000	0.78	40.93	3.04	37:51:17	0.08
CEsr-5204000	0.78	35.78	-9.91	36:28:06	-1.31
CEsr-3806000	0.78	35.14	-11.54	34:50:48	-2.93
CEsr-3853000	0.78	38.21	-3.79	36:16:50	-1.49
CEmr-1678600	0.78	40.20	1.20	36:53:51	-0.88
CEsr-7028000	0.78	40.63	2.28	37:33:29	-0.22
CEsr-5163000	0.78	30.19	-24.00	32:28:09	-5.31
CEsr-5130000	0.78	27.78	-30.06	31:50:42	-5.93

(continued on next page)

Table 2 (continued)

Compound name	Z'-factor	AUC _n	%AUC _n	CIT ₅₀	ΔCIT ₅₀
CEmr-2969300	0.78	39.44	-0.71	35:42:51	-2.06
CEsr-3896000	0.78	33.02	-16.86	37:27:16	-0.32
CEmr-2966300	0.78	37.77	-4.91	39:27:47	1.69
CEsr-1549000	0.78	35.37	-10.94	34:35:41	-3.18
CEsr-1456000	0.78	37.20	-6.35	36:16:59	-1.49
CEmr-2631900	0.78	35.26	-11.23	33:41:13	-4.09
CEsr-2798000	0.78	38.46	-3.18	33:42:23	-4.07
CEmr-3046200	0.78	38.91	-2.05	37:14:35	-0.53
CEsr-2804000	0.78	41.74	5.09	35:41:35	-2.08
CEsr-2709000	0.78	36.88	-7.15	36:02:22	-1.74
CEsr-3702000	0.78	36.60	-7.86	39:33:34	1.78
CEsr-1315000	0.78	33.69	-15.19	36:22:08	-1.41
CEsr-2875000	0.78	43.14	8.60	39:43:25	1.95
CEmr-2991300	0.78	39.94	0.56	35:49:40	-1.95
CEmr-2247200	0.78	30.14	-24.12	2:12:52	-35.56
CEsr-2779000	0.78	33.23	-16.35	34:33:20	-3.22
CEmr-3040000	0.78	36.38	-8.42	34:05:51	-3.68
CEsr-2868000	0.78	35.54	-10.52	35:53:18	-1.89
CEsr-1262000	0.78	39.38	-0.86	37:35:11	-0.19
CEmr-2989700	0.78	56.43	42.07	52:52:23	15.10
CEmr-3055700	0.78	47.85	20.47	51:38:39	13.87
CEsr-3346000	0.78	33.95	-14.53	32:48:25	-4.97
CEsr-1289000	0.78	38.35	-3.45	35:31:47	-2.25
CEmr-3059900	0.78	33.54	-15.55	34:30:33	-3.27
CEmr-1982700	0.78	39.32	-1.00	36:18:50	-1.46
CEsr-1405000	0.78	39.34	-0.96	37:08:34	-0.63
CEsr-1292000	0.78	34.61	-12.86	34:11:21	-3.59
CEpa-21	0.78	43.98	10.73	38:01:47	0.25
CEsr-2417000	0.78	37.33	-6.01	35:34:16	-2.20
CEmr-2361400	0.78	41.91	5.51	42:39:39	4.89
CEsr-7473000	0.78	31.11	-21.69	34:22:40	-3.40
CEmr-3018300	0.78	34.41	-13.36	34:51:26	-2.92
CEmr-2266400	0.78	37.48	-5.63	36:06:16	-1.67
CEsr-1825000	0.78	42.51	7.03	35:17:55	-2.48
CEmr-3012400	0.78	37.03	-6.78	37:24:49	-0.36
CEsr-6626000	0.78	33.47	-15.74	32:21:50	-5.41
CEpa-24	0.78	44.59	12.25	41:08:05	3.36
CEmr-3094000	0.78	31.64	-20.34	32:52:52	-4.89
CEmr-2660600	0.78	33.23	-16.35	33:45:06	-4.02
CEmr-3046600	0.78	37.75	-4.95	39:05:52	1.32
CEmr-3015100	0.78	36.61	-7.84	32:58:43	-4.80
CEsr-7065000	0.78	21.78	-45.17	11:58:06	-25.81
CEmr-3094600	0.78	40.89	2.95	39:41:51	1.92
CEsr-6949000	0.78	42.58	7.20	35:12:39	-2.56
CEmr-3013300	0.78	38.53	-2.99	35:40:17	-2.10
CEmr-2758000	0.78	44.53	12.10	39:20:27	1.57
CEsr-2224000	0.78	41.36	4.12	37:21:03	-0.42
CEmr-1501300	0.78	39.26	-1.15	36:55:34	-0.85
CEsr-2424000	0.78	41.56	4.64	36:55:32	-0.85
CEsr-2389000	0.78	35.95	-9.50	36:58:33	-0.80
CEsr-2635000	0.78	38.40	-3.32	39:59:15	2.21
CEsr-2426000	0.78	39.91	0.49	37:31:10	-0.26
CEsr-2420000	0.78	39.98	0.64	34:02:57	-3.73
CEsr-2401000	0.78	37.11	-6.58	35:40:57	-2.09
CEsr-5109000	0.78	38.62	-2.78	34:58:30	-2.80
CEsr-2380000	0.78	37.13	-6.52	33:23:08	-4.39
CEmr-2326200	0.78	37.70	-5.08	34:12:36	-3.57
CEsr-5176000	0.78	31.41	-20.91	34:27:48	-3.31
CEsr-1259000	0.78	41.08	3.43	39:01:33	1.25
CEmr-2889900	0.78	41.62	4.77	37:09:55	-0.61
C12 untreated mock-infected cells	0.82	134.02 ± 2.13	N.D	N.D	N.D

(continued on next page)

Table 2 (continued)

Compound name	Z'-factor	AUC _n	%AUC _n	CIT ₅₀	ΔCIT ₅₀
C12 untreated infected cells	0.82	39.26 ± 3.41	N.D	34:11:46	N.D
CEsr-5345000	0.82	41.14	4.80	38:19:04	-0.56
CEmr-3093500	0.82	34.32	-12.58	36:11:36	-2.69
CEmr-2049200	0.82	38.17	-2.78	39:36:44	0.73
CEsr-4970000	0.82	36.58	-6.82	36:22:09	-2.51
CEsr-3582000	0.82	40.54	3.26	37:30:27	-1.37
CEsr-6540000	0.82	40.33	2.73	38:29:21	-0.39
CEsr-3957000	0.82	37.96	-3.32	37:10:21	-1.71
CEsr-4615000	0.82	42.16	7.38	39:59:38	1.11
CEmr-1943400	0.82	39.65	0.99	34:42:08	-4.18
CEsr-5765000	0.82	45.63	16.21	39:17:31	0.41
CEsr-4022000	0.82	38.16	-2.81	37:12:22	-1.67
CEsr-3584000	0.82	39.75	1.26	34:59:22	-3.89
CEsr-1907000	0.82	45.97	17.08	38:33:21	-0.33
CEsr-3768000	0.82	43.35	10.42	38:50:25	-0.04
CEmr-1631300	0.82	38.64	-1.57	36:54:48	-1.97
CEmr-1831800	0.82	40.36	2.80	38:34:24	-0.31
CEsr-2960000	0.82	41.42	5.50	47:25:59	8.55
CEsr-3548000	0.82	33.54	-14.57	34:09:26	-4.72
CEmr-1271000	0.82	39.39	0.33	36:28:03	-2.41
CEsr-7345000	0.82	37.70	-3.98	38:13:36	-0.65
CEsr-2959000	0.82	40.81	3.95	41:33:16	2.67
CEsr-7293000	0.82	36.89	-6.05	37:36:30	-1.27
CEsr-2901000	0.82	39.02	-0.62	35:18:22	-3.57
CEsr-7348000	0.82	35.89	-8.57	35:38:07	-3.25
CEsr-2936000	0.82	37.26	-5.08	35:10:17	-3.71
CEsr-3549000	0.82	37.30	-4.99	37:59:20	-0.89
CEsr-2248000	0.82	36.62	-6.73	33:52:10	-5.01
CEsr-5820000	0.82	43.30	10.29	42:10:23	3.29
CEsr-2974000	0.82	38.33	-2.36	34:00:54	-4.87
CEmr-2023800	0.82	34.83	-11.29	37:10:23	-1.71
CEsr-2479000	0.82	38.18	-2.75	36:04:43	-2.80
CEsr-7461000	0.82	39.91	1.67	37:52:28	-1.01
CEsr-6077000	0.82	41.92	6.78	38:12:21	-0.68
CEsr-5856000	0.82	38.09	-2.98	34:31:33	-4.36
CEsr-2488000	0.82	33.21	-15.42	33:49:20	-5.06
CEmr-2028200	0.82	37.96	-3.30	35:00:15	-3.88
CEsr-6162000	0.82	50.25	28.01	41:24:16	2.52
CEsr-2501000	0.82	36.98	-5.82	36:31:39	-2.35
CEsr-2159000	0.82	41.57	5.88	35:16:56	-3.60
CEsr-1940000	0.82	35.21	-10.31	37:25:57	-1.45
CEsr-5861000	0.82	39.63	0.94	39:01:26	0.14
CEsr-2490000	0.82	37.41	-4.72	33:39:29	-5.22
CEsr-7419000	0.82	36.41	-7.26	37:01:46	-1.85
CEsr-5862000	0.82	38.23	-2.62	36:23:42	-2.49
CEmr-2559000	0.82	32.89	-16.22	32:57:50	-5.92
CEsr-6658000	0.82	36.34	-7.45	36:40:07	-2.21
CEsr-5580000	0.82	36.51	-7.02	35:17:20	-3.59
CEsr-4981000	0.82	45.68	16.35	42:04:53	3.20
CEsr-2735000	0.82	44.16	12.48	39:44:27	0.86
CEsr-5817000	0.82	41.09	4.65	35:47:12	-3.09
CEsr-3235	0.82	35.64	-9.21	36:58:49	-1.90
CEsr-3265000	0.82	38.83	-1.08	35:14:37	-3.64
CEmr-1415000	0.82	42.29	7.71	36:01:14	-2.86
CEsr-1361000	0.82	39.88	1.57	36:14:29	-2.64
CEsr-2724000	0.82	38.55	-1.82	35:12:32	-3.67
CEsr-2579000	0.82	29.82	-24.05	37:47:15	-1.09
CEsr-2546000	0.82	40.60	3.41	37:05:01	-1.80
CEsr-3257000	0.82	38.30	-2.44	36:19:40	-2.55
CEsr-6195000	0.82	36.70	-6.51	40:22:23	1.49
CEsr-7101000	0.82	40.78	3.88	34:48:23	-4.07
CEsr-3736000	0.82	41.06	4.59	35:59:33	-2.89

(continued on next page)

Table 2 (continued)

Compound name	Z'-factor	AUC _n	%AUC _n	CIT ₅₀	ΔCIT ₅₀
CEsr-3248000	0.82	42.54	8.36	36:58:37	-1.90
CEsr-3259000	0.82	38.88	-0.96	36:00:26	-2.87
CEsr-1398000	0.82	37.46	-4.58	40:02:41	1.16
CEsr-3438000	0.82	39.86	1.52	37:52:54	-1.00
CEsr-3119000	0.82	38.31	-2.41	36:27:10	-2.43
CEmr-2702400	0.82	40.48	3.12	36:44:26	-2.14
CEmr-3170200	0.82	48.56	23.70	44:00:24	5.13
CEsr-5727000	0.82	37.44	-4.65	37:20:14	-1.54
CEsr-2790000	0.82	38.74	-1.33	36:22:49	-2.50
CEsr-2834000	0.82	37.83	-3.64	35:57:42	-2.92
CEsr-2739000	0.82	37.37	-4.82	37:30:37	-1.37
CEsr-2792000	0.82	40.01	1.90	38:28:30	-0.41
CEsr-2770000	0.82	41.50	5.70	36:59:50	-1.88
CEsr-2757000	0.82	42.16	7.37	39:04:10	0.19
CEsr-2856000	0.82	42.93	9.35	38:46:09	-0.11
CEsr-7096000	0.82	47.08	19.91	40:53:27	2.01
CEsr-2784000	0.82	39.64	0.97	35:34:49	-3.30
CEsr-5760000	0.82	41.76	6.36	36:49:44	-2.05
CEsr-2752000	0.82	45.04	14.71	41:16:10	2.39
C13 untreated mock-infected cells	0.64	128.15 ± 9.55	N.D	N.D	N.D
C13 untreated infected cells	0.64	36.71 ± 1.48	N.D	35:00:51	N.D
CEmr-2240100	0.64	46.00	25.32	39:20:56	2.54
CEhm-7100000	0.64	44.05	20.00	38:53:23	2.08
CEmr-1811300	0.64	42.12	14.73	38:28:19	1.66
CEsr-4872000	0.64	41.41	12.81	36:29:54	-0.31
CEsr-1968000	0.64	40.91	11.45	39:21:44	2.55
CEmr-1998800	0.64	52.00	41.65	43:09:47	6.35
CEsr-4202000	0.64	44.27	20.60	37:43:45	0.92
CEmr-3010400	0.64	41.70	13.60	37:42:13	0.89
CEsr-7564000	0.64	41.04	11.81	35:01:43	-1.78
CEmr-1942700	0.64	42.44	15.62	37:46:55	0.97
CEsr-1816000	0.64	44.70	21.77	38:44:38	1.93
CEsr-4886000	0.64	41.52	13.12	40:52:54	4.07
CEmr-2142200	0.64	36.05	-1.79	40:19:57	3.52
CEsr-6866000	0.64	37.10	1.07	35:13:06	-1.59
CEmr-3010600	0.64	39.23	6.87	36:22:34	-0.43
CEsr-2093000	0.64	42.73	16.40	37:10:53	0.37
CEmr-3046300	0.64	39.93	8.79	39:15:42	2.45
CEsr-7104000	0.64	16.97	-53.78	0:54:48	-35.90
CEsr-3285000	0.64	36.15	-1.53	34:27:54	-2.34
CEsr-3828000	0.64	36.18	-1.43	34:27:40	-2.35
CEsr-7094000	0.64	28.28	-22.97	34:30:11	-2.31
CEsr-4130000	0.64	30.88	-15.88	33:28:25	-3.34
CEsr-3837000	0.64	40.84	11.26	36:09:50	-0.65
CEsr-2829000	0.64	42.94	16.97	40:42:06	3.89
CEsr-3927000	0.64	43.72	19.11	38:07:59	1.32
CEsr-5740000	0.64	40.74	10.98	35:43:59	-1.08
CEmr-2621100	0.64	29.18	-20.50	31:04:20	-5.74
CEsr-4173000	0.64	41.45	12.91	36:02:00	-0.78
CEsr-4126000	0.64	43.07	17.33	34:30:28	-2.30
CEsr-3657000	0.64	36.40	-0.83	34:33:13	-2.26
CEmr-3188600	0.64	42.48	15.73	33:38:48	-3.16
CEsr-4129000	0.64	23.43	-36.17	30:58:19	-5.84
CEmr-2106500	0.64	38.85	5.84	39:14:52	2.44
CEmr-2988100	0.64	31.40	-14.45	33:23:33	-3.42
CEsr-4086000	0.64	42.46	15.67	34:38:18	-2.17
CEsr-1576000	0.64	39.84	8.53	34:56:00	-1.88
CEsr-4559000	0.64	36.86	0.42	34:10:55	-2.63
CEmr-1505700	0.64	39.29	7.04	35:57:38	-0.85
CEsr-4553000	0.64	38.24	4.18	33:54:23	-2.90

(continued on next page)

Table 2 (continued)

Compound name	Z'-factor	AUC _n	%AUC _n	CIT ₅₀	ΔCIT ₅₀
CEsr-4568000	0.64	36.85	0.39	36:35:09	-0.22
CEmr-2107400	0.64	41.53	13.15	35:46:15	-1.04
CEsr-4544000	0.64	43.94	19.71	37:44:58	0.94
CEmr-2663600	0.64	41.89	14.11	35:41:46	-1.11
CEsr-2569000	0.64	38.34	4.45	33:31:56	-3.28
CEmr-2286800	0.64	36.70	-0.02	33:05:32	-3.72
CEmr-2663400	0.64	36.69	-0.04	33:30:06	-3.31
CEmr-2638300	0.64	37.70	2.69	37:10:33	0.37
CEmr-1332700	0.64	36.29	-1.13	34:22:16	-2.44
CEsr-3466000	0.64	30.87	-15.91	32:49:35	-3.98
CEsr-5930000	0.64	36.76	0.14	35:09:34	-1.65
CEsr-6389000	0.64	37.79	2.94	37:22:46	0.57
CEsr-6157000	0.64	43.40	18.25	35:26:12	-1.37
CEsr-2612000	0.64	35.67	-2.82	33:37:48	-3.18
CEsr-5941000	0.64	43.26	17.86	34:25:59	-2.38
CEmr-3142000	0.64	35.26	-3.93	36:46:48	-0.03
CEsr-6811000	0.64	33.69	-8.21	28:29:39	-8.32
CEmr-2551900	0.64	42.30	15.25	36:37:25	-0.19
CEsr-7030000	0.64	36.67	-0.09	33:59:27	-2.82
CEsr-4917000	0.64	39.11	6.55	36:00:21	-0.80
CEsr-1692000	0.64	45.51	23.99	36:58:17	0.16
CEsr-5907000	0.64	39.07	6.44	34:19:43	-2.48
CEsr-1417000	0.64	36.29	-1.14	34:08:00	-2.68
CEsr-3557000	0.64	31.10	-15.27	33:35:47	-3.21
CEsr-3813000	0.64	39.71	8.17	39:06:01	2.29
CEsr-3855000	0.64	52.83	43.93	43:23:37	6.58
CEsr-1303000	0.64	40.43	10.14	36:01:55	-0.78
CEsr-4397000	0.64	36.58	-0.36	33:35:28	-3.22
CEsr-4966000	0.64	40.24	9.62	36:32:33	-0.27
CEsr-1435000	0.64	35.92	-2.14	35:21:53	-1.45
CEsr-2805000	0.64	47.79	30.20	37:08:17	0.33
CEsr-3922000	0.64	40.59	10.59	35:00:00	-1.81
CEsr-4151000	0.64	39.16	6.68	39:08:22	2.33
CEmr-3370500	0.64	49.82	35.73	39:38:11	2.83
CEmr-1870900	0.64	43.84	19.44	36:07:37	-0.68
CEsr-7265000	0.64	40.40	10.06	35:08:43	-1.66
CEmr-2570400	0.64	40.71	10.92	35:03:55	-1.74
CEsr-5730000	0.64	39.51	7.63	35:34:34	-1.23
CEsr-5642000	0.64	41.51	13.08	34:06:28	-2.70
CEmr-3189800	0.64	24.98	-31.94	17:58:35	-18.83
CEmr-2661100	0.64	49.63	35.22	42:52:05	6.06
C14 untreated mock-infected cells	0.64	138.85 ± 4.39	N.D	N.D	N.D
C14 untreated infected cells	0.64	42.15 ± 7.36	N.D	33:54:55	N.D
CEsr-4006000	0.64	36.51	-13.39	36:00:30	-0.38
CEmr-2583800	0.64	43.59	3.42	37:01:19	0.64
CEsr-3993000	0.64	37.95	-9.98	37:07:49	0.74
CEsr-4025000	0.64	38.13	-9.56	34:42:22	-1.68
CEmr-2038500	0.64	39.30	-6.76	37:07:33	0.74
CEmr-2325000	0.64	46.24	9.69	36:55:28	0.54
CEsr-4024000	0.64	37.98	-9.90	35:51:21	-0.53
CEsr-3519000	0.64	42.58	1.01	38:52:30	2.49
CEmr-2585600	0.64	46.70	10.79	40:52:16	4.48
CEsr-3956000	0.64	38.66	-8.28	35:15:11	-1.13
CEsr-5838000	0.64	45.60	8.17	36:53:09	0.50
CEmr-1544600	0.64	36.62	-13.12	34:47:58	-1.59
CEmr-3064600	0.64	42.54	0.93	35:19:22	-1.06
CEsr-1013000	0.64	39.71	-5.80	39:34:24	3.19
CEsr-3975000	0.64	45.17	7.16	38:55:49	2.54
CEmr-1685000	0.64	20.39	-51.62	34:42:23	-1.68
CEsr-6465000	0.64	38.82	-7.90	36:00:53	-0.37
CEmr-3393900	0.64	43.14	2.35	36:03:57	-0.32
CEmr-1846900	0.64	41.34	-1.93	36:20:25	-0.05

(continued on next page)

Table 2 (continued)

Compound name	Z'-factor	AUC _n	%AUC _n	CIT ₅₀	ΔCIT ₅₀
CEmr-3081900	0.64	43.35	2.83	38:07:04	1.73
CEsr-6222000	0.64	40.52	-3.88	35:17:09	-1.10
CEmr-2553900	0.64	38.63	-8.36	34:50:31	-1.54
CEmr-2507800	0.64	44.86	6.42	41:44:42	5.36
CEmr-2581900	0.64	46.93	11.34	40:02:36	3.66
CEmr-2571900	0.64	36.84	-12.61	33:46:53	-2.60
CEmr-2372800	0.64	41.07	-2.56	38:56:17	2.55
CEsr-2668000	0.64	40.20	-4.62	34:45:04	-1.64
CEsr-4953000	0.64	40.88	-3.02	35:44:33	-0.64
CEmr-2241000	0.64	44.28	5.05	42:10:02	5.78
CEsr-7232000	0.64	41.30	-2.02	34:15:24	-2.13
CEsr-5090000	0.64	36.18	-14.18	34:13:27	-2.16
CEsr-1485000	0.64	41.85	-0.71	39:02:39	2.66
CEsr-3006000	0.64	38.47	-8.74	36:27:09	0.07
CEsr-1537000	0.64	36.76	-12.79	33:42:46	-2.67
CEmr-8283000	0.64	46.63	10.62	34:43:17	-1.67
CEsr-5969000	0.64	36.06	-14.46	32:57:48	-3.42
CEsr-4485000	0.64	35.32	-16.21	32:34:13	-3.82
CEsr-1883000	0.64	40.32	-4.35	35:23:21	-1.00
CEap-2000000	0.64	36.74	-12.84	34:56:25	-1.45
CEmr-2631700	0.64	41.70	-1.09	38:53:15	2.50
CEmr-2506400	0.64	45.30	7.45	38:06:34	1.72
CEsr-2694000	0.64	39.35	-6.65	34:41:58	-1.69
CEsr-4526000	0.64	40.85	-3.08	36:19:28	-0.06
CEsr-3419000	0.64	34.38	-18.43	31:54:01	-4.49
CEmr-2147000	0.64	38.12	-9.56	34:27:52	-1.92
CEmr-2800500	0.64	43.19	2.47	34:15:39	-2.13
CEsr-2494000	0.64	31.02	-26.40	33:24:39	-2.98
CEsr-1693000	0.64	41.20	-2.26	36:36:50	0.23
CEmr-3228000	0.64	42.35	0.46	35:45:06	-0.63
CEsr-2611000	0.64	43.01	2.02	36:58:39	0.59
CEsr-2614000	0.64	37.92	-10.05	37:47:08	1.40
CEmr-2230000	0.64	38.69	-8.21	34:19:23	-2.06
CEsr-1778000	0.64	38.58	-8.47	34:22:54	-2.00
CEsr-1851000	0.64	38.97	-7.56	35:26:14	-0.95
CEsr-1822000	0.64	39.00	-7.48	36:49:10	0.43
CEsr-1752000	0.64	39.74	-5.73	38:23:49	2.01
CEmr-2708200	0.64	37.79	-10.36	36:48:10	0.42
CEsr-6311000	0.64	37.15	-11.86	34:46:16	-1.62
CEsr-6012000	0.64	33.47	-20.59	34:56:29	-1.45
CEsr-1829000	0.64	42.95	1.88	34:22:23	-2.01
CEmr-3223100	0.64	43.85	4.03	40:16:33	3.89
CEsr-3839000	0.64	40.67	-3.52	36:12:04	-0.19
CEsr-1837000	0.64	42.04	-0.26	36:23:34	0.01
CEmr-3222800	0.64	39.00	-7.49	38:16:42	1.89
CEmr-3463800	0.64	36.71	-12.92	37:36:32	1.22
CEmr-2613900	0.64	39.41	-6.51	37:10:27	0.79
CEmr-3464000	0.64	17.92	-57.49	20:26:01	-15.95
CEmr-3413400	0.64	39.20	-7.01	35:15:44	-1.12
CEsr-6888000	0.64	35.97	-14.68	33:25:35	-2.96
CEmr-2575300	0.64	38.54	-8.56	35:37:17	-0.77
CEmr-2614000	0.64	42.30	0.35	35:07:42	-1.26
CEmr-3274200	0.64	25.85	-38.68	33:28:27	-2.91
CEmr-3462400	0.64	38.55	-8.55	37:26:55	1.06
CEmr-3461000	0.64	39.36	-6.62	38:54:59	2.53
CEmr-3268100	0.64	32.58	-22.72	32:03:43	-4.32
CEmr-3337700	0.64	37.56	-10.90	36:18:30	-0.08
CEmr-2708400	0.64	35.28	-16.31	34:18:31	-2.08
CEmr-3271600	0.64	34.40	-18.40	34:40:38	-1.71
CEmr-3272000	0.64	29.68	-29.60	30:23:28	-6.00
CEmr-3463400	0.64	37.16	-11.85	34:44:20	-1.65
C15 untreated mock-infected cells	0.69	150.10 ± 8.93	N.D	N.D	N.D

(continued on next page)

Table 2 (continued)

Compound name	Z'-factor	AUC _n	%AUC _n	CIT ₅₀	ΔCIT ₅₀
C15 untreated infected cells	0.69	52.67 ± 1.16	N.D	41:12:09	N.D
CEmr-2301300	0.69	43.94	-16.58	38:12:40	-4.61
CEsr-7299000	0.69	49.50	-6.01	37:43:18	-5.10
CEmr-3053500	0.69	47.47	-9.88	39:18:17	-3.52
CEsr-5912000	0.69	47.44	-9.93	40:57:34	-1.87
CEmr-2707500	0.69	44.95	-14.65	41:21:42	-1.46
CEmr-2331800	0.69	43.48	-17.44	40:49:34	-2.00
CEsr-2518000	0.69	58.31	10.72	45:49:10	2.99
CEmr-1622200	0.69	46.77	-11.21	38:17:35	-4.53
CEsr-2646000	0.69	38.61	-26.69	38:03:05	-4.77
CEsr-2649000	0.69	54.90	4.24	43:18:35	0.48
CEsr-5516000	0.69	50.26	-4.58	41:03:18	-1.77
CEsr-1832000	0.69	47.40	-10.01	43:35:41	0.77
CEsr-7304000	0.69	45.33	-13.93	39:51:35	-2.97
CEmr-3052700	0.69	48.97	-7.03	40:55:23	-1.90
CEsr-7155000	0.69	48.66	-7.61	41:33:01	-1.28
CEsr-4927000	0.69	48.65	-7.63	39:37:54	-3.19
CEsr-3414000	0.69	47.39	-10.02	40:06:08	-2.72
CEsr-6870000	0.69	49.33	-6.34	41:51:13	-0.97
CEmr-2284300	0.69	49.43	-6.14	42:08:35	-0.68
CEsr-2640000	0.69	46.94	-10.88	41:28:11	-1.36
CEsr-1808000	0.69	48.74	-7.47	41:43:42	-1.10
CEsr-3405000	0.69	48.15	-8.58	39:47:06	-3.04
CEsr-2320000	0.69	43.89	-16.67	39:01:01	-3.81
CEsr-1517000	0.69	47.70	-9.44	40:51:37	-1.97
CEsr-3399000	0.69	51.76	-1.73	41:08:39	-1.68
CEsr-4438000	0.69	48.93	-7.10	39:34:41	-3.25
CEsr-4625000	0.69	46.78	-11.18	40:42:08	-2.12
CEsr-4422000	0.69	46.49	-11.74	39:34:36	-3.25
CEsr-4495000	0.69	51.93	-1.41	41:21:49	-1.46
CEsr-5809000	0.69	49.74	-5.56	40:38:30	-2.18
CEsr-1229000	0.69	49.54	-5.94	40:53:35	-1.93
CEsr-4364000	0.69	45.83	-12.98	38:50:51	-3.98
CEmr-1845600	0.69	43.30	-17.78	38:30:53	-4.31
CEsr-4639000	0.69	44.13	-16.21	40:28:55	-2.34
CEmr-2554300	0.69	48.03	-8.81	38:58:53	-3.84
CEsr-5747000	0.69	53.33	1.25	45:21:13	2.53
CEsr-4622000	0.69	47.58	-9.67	39:09:39	-3.67
CEsr-3634000	0.69	50.17	-4.75	42:48:52	-0.01
CEsr-2639000	0.69	46.88	-11.00	38:34:16	-4.25
CEsr-4195000	0.69	48.48	-7.96	39:11:03	-3.64
CEsr-4482000	0.69	47.79	-9.26	41:38:25	-1.19
CEsr-4175000	0.69	53.04	0.71	41:36:24	-1.22
CExr-hm18900	0.69	44.76	-15.01	39:31:16	-3.30
CEsr-3624000	0.69	47.11	-10.56	43:16:19	0.45
CEsr-4146000	0.69	50.11	-4.86	40:51:09	-1.97
CEsr-4193000	0.69	49.47	-6.08	38:54:35	-3.92
CEsr-4368000	0.69	39.14	-25.69	38:18:22	-4.52
CEsr-3838000	0.69	53.35	1.30	41:18:48	-1.51
CEsr-4149000	0.69	41.20	-21.78	37:48:38	-5.02
CEmr-1812500	0.69	55.48	5.34	46:11:20	3.36
CEmr-3184900	0.69	37.77	-28.28	40:30:14	-2.32
CEsr-4165000	0.69	52.24	-0.81	42:52:21	0.05
CEsr-3681000	0.69	51.15	-2.89	43:37:46	0.80
CEsr-7324000	0.69	33.57	-36.27	17:38:10	-25.19
CEsr-2004000	0.69	49.05	-6.87	40:11:48	-2.63
CEmr-1407201	0.69	48.76	-7.41	39:26:54	-3.38
CEsr-6085000	0.69	48.85	-7.25	40:36:52	-2.21
CEmr-1450000	0.69	41.35	-21.50	43:46:46	0.95
CEmr-2636700	0.69	44.47	-15.57	43:18:34	0.48

(continued on next page)

Table 2 (continued)

Compound name	Z'-factor	AUC _n	%AUC _n	CIT ₅₀	ΔCIT ₅₀
CEsr-618000	0.69	53.20	1.01	42:58:44	0.15
CEsr-5813000	0.69	52.87	0.37	43:33:16	0.73
CEsr-6239000	0.69	49.21	-6.57	40:52:28	-1.95
CEsr-5683000	0.69	51.29	-2.62	47:53:25	5.06
CEsr-1867000	0.69	52.67	0.00	38:17:44	-4.53
CEsr-2032000	0.69	52.01	-1.26	38:12:40	-4.61
CEmr-1607700	0.69	60.55	14.97	47:38:57	4.82
CEsr-5582000	0.69	50.81	-3.53	40:46:20	-2.05
CEmr-2703200	0.69	54.10	2.72	43:45:15	0.93
CEmr-2037700	0.69	53.09	0.80	42:25:36	-0.40
CEsr-5358000	0.69	37.70	-28.42	38:00:16	-4.82
CEsr-5682000	0.69	51.68	-1.88	40:34:39	-2.25
CEsr-1186000	0.69	52.99	0.60	40:56:52	-1.88
CEsr-4088000	0.69	48.14	-8.60	41:24:45	-1.41
CEmr-1214300	0.69	50.56	-4.01	40:57:23	-1.87
CEmr-2533200	0.69	53.03	0.68	43:06:13	0.28
CEmr-3220100	0.69	30.75	-41.62	5:28:30	-37.35
CEsr-2061000	0.69	52.38	-0.55	43:37:40	0.80
CEsr-1572000	0.69	54.38	3.25	43:51:26	1.03
CEsr-1337000	0.69	41.02	-22.12	37:23:07	-5.44
CEsr-6226000	0.69	51.42	-2.38	43:46:55	0.96
C16 untreated mock-infected cells	0.66	138.98 ± 6.86	N.D	N.D	N.D
C16 untreated infected cells	0.66	51.37 ± 3.05	N.D	40:03:01	N.D
CEmr-3200100	0.66	49.39	-3.86	42:22:03	-1.05
CEsr-2746000	0.66	56.36	9.72	41:08:17	-2.28
CEsr-4155000	0.66	45.81	-10.83	40:31:10	-2.90
CEmr-1943200	0.66	52.69	2.57	45:19:47	1.92
CEpa-46	0.66	45.05	-12.31	39:56:25	-3.47
CEsr-1927000	0.66	52.75	2.68	46:57:18	3.54
CEpa-65	0.66	50.00	-2.66	42:51:40	-0.55
CEsr-2801000	0.66	42.81	-16.67	42:40:35	-0.74
CEsr-5799000	0.66	47.83	-6.88	38:54:57	-4.50
CEmr-2023600	0.66	55.62	8.26	45:13:43	1.81
CEsr-7045000	0.66	53.42	3.99	44:06:30	0.69
CEsr-6310000	0.66	49.92	-2.83	43:08:22	-0.28
CEsr-7453000	0.66	46.43	-9.61	41:58:50	-1.43
CEsr-2153000	0.66	45.15	-12.11	42:51:17	-0.56
CEsr-3747000	0.66	52.94	3.06	41:09:32	-2.26
CEsr-2437000	0.66	51.94	1.10	38:37:10	-4.80
CEmr-1618400	0.66	44.64	-13.10	37:41:51	-5.72
CEsr-1291000	0.66	50.69	-1.32	42:22:17	-1.04
CEsr-6521000	0.66	46.79	-8.92	40:04:18	-3.34
CEsr-6283000	0.66	46.07	-10.32	41:09:09	-2.26
CEsr-7442000	0.66	46.12	-10.23	41:13:28	-2.19
CEsr-5723000	0.66	45.52	-11.39	41:10:17	-2.24
CEsr-1130000	0.66	42.95	-16.40	38:59:06	-4.43
CEsr-3100000	0.66	49.67	-3.31	43:34:04	0.15
CEsr-1107000	0.66	37.53	-26.94	41:54:24	-1.51
CEsr-1324000	0.66	51.29	-0.16	43:09:24	-0.26
CEmr-1634500	0.66	45.77	-10.90	40:13:28	-3.19
CEsr-1625000	0.66	50.69	-1.33	46:02:14	2.62
CEsr-4243000	0.66	54.36	5.82	42:19:09	-1.10
CEsr-5674000	0.66	45.45	-11.52	39:18:44	-4.10
CEsr-3337000	0.66	49.65	-3.35	39:25:13	-3.99
CEsr-3328000	0.66	44.34	-13.69	37:49:45	-5.59
CEsr-1156000	0.66	46.82	-8.86	38:21:37	-5.05
CEsr-3395000	0.66	46.04	-10.37	40:22:00	-3.05
CEmr-2094200	0.66	48.59	-5.41	40:40:42	-2.74
CEmr-hm68400	0.66	48.02	-6.51	42:07:42	-1.29
CEmr-1289300	0.66	58.96	14.77	39:55:49	-3.48

(continued on next page)

Table 2 (continued)

Compound name	Z'-factor	AUC _n	%AUC _n	CIT ₅₀	ΔCIT ₅₀
CEmr-2291300	0.66	44.55	-13.28	41:35:43	-1.82
CEsr-4078000	0.66	47.21	-8.10	40:46:48	-2.63
CEmr-1615300	0.66	53.39	3.93	42:14:00	-1.18
CEsr-3560000	0.66	54.34	5.78	44:13:07	0.80
CEsr-4135000	0.66	57.59	12.11	43:39:59	0.25
CEmr-2332900	0.66	54.80	6.68	43:40:55	0.27
CEmr-1613500	0.66	40.63	-20.92	41:22:10	-2.05
CEsr-3623000	0.66	39.38	-23.34	43:34:18	0.16
CEsr-4169000	0.66	31.88	-37.93	38:32:34	-4.87
CEsr-3324000	0.66	37.19	-27.61	37:04:12	-6.34
CEsr-1748000	0.66	50.12	-2.43	39:06:54	-4.30
CEsr-6578000	0.66	55.26	7.58	38:43:19	-4.69
CEmr-2607000	0.66	50.41	-1.86	39:11:26	-4.22
CEmr-2774900	0.66	48.54	-5.52	39:54:02	-3.51
CEmr-2776200	0.66	51.31	-0.11	41:24:08	-2.01
CEmr-2248200	0.66	47.14	-8.23	41:27:34	-1.96
CEmr-2466700	0.66	57.61	12.14	45:46:15	2.36
CEmr-2667700	0.66	46.92	-8.67	40:18:08	-3.11
CEmr-2024900	0.66	49.60	-3.45	40:06:18	-3.31
CEmr-2320500	0.66	47.03	-8.45	39:42:26	-3.71
CEmr-2025800	0.66	48.67	-5.26	42:04:38	-1.34
CEsr-6836000	0.66	42.17	-17.90	40:57:51	-2.45
CEmr-2603400	0.66	32.50	-36.74	38:23:40	-5.02
CEmr-2607100	0.66	44.62	-13.13	41:33:56	-1.85
CEsr-6617000	0.66	51.58	0.42	41:05:20	-2.33
CEmr-2090400	0.66	46.60	-9.29	40:00:03	-3.41
CEsr-2590000	0.66	51.31	-0.13	40:51:33	-2.56
CEmr-2180200	0.66	48.03	-6.51	39:58:55	-3.43
CEmr-2603300	0.66	47.11	-8.29	42:46:31	-0.64
CEsr-2575000	0.66	54.10	5.32	45:21:57	1.95
CEsr-2481000	0.66	53.80	4.73	43:08:02	-0.28
CEmr-2631300	0.66	48.42	-5.74	43:48:56	0.40
CEsr-6231000	0.66	52.63	2.46	41:09:50	-2.25
CEsr-7287000	0.66	49.62	-3.41	40:58:18	-2.44
CEmr-2281900	0.66	50.52	-1.66	43:19:08	-0.10
CEmr-2634200	0.66	54.07	5.26	40:21:17	-3.06
CEsr-5565000	0.66	44.65	-13.09	42:13:41	-1.19
CEsr-2441000	0.66	53.12	3.40	43:09:53	-0.25
CEmr-1275600	0.66	47.36	-7.81	42:07:55	-1.28
CEsr-6097000	0.66	49.25	-4.13	41:37:40	-1.79
CEsr-1311000	0.66	54.71	6.51	45:10:25	1.76
CEsr-5811000	0.66	54.99	7.05	43:05:33	-0.32
CEsr-5936000	0.66	47.81	-6.93	39:59:50	-3.42
C17 untreated mock-infected cells	0.74	135.02 ± 5.51	N.D	N.D	N.D
C17 untreated infected cells	0.74	46.33 ± 2.22	N.D	39:15:38	N.D
CEmr-3463500	0.74	44.11	-4.80	38:54:39	-2.49
CEmr-3413000	0.74	51.18	10.48	44:28:43	3.08
CEmr-2872400	0.74	46.37	0.08	42:59:45	1.60
CEmr-3463600	0.74	41.01	-11.47	45:19:08	3.92
CEsr-5733000	0.74	49.90	7.70	41:01:27	-0.37
CEmr-2708700	0.74	52.09	12.43	42:00:06	0.60
CEsr-6280000	0.74	55.14	19.02	41:27:39	0.06
CEmr-3461200	0.74	47.82	3.22	41:09:37	-0.24
CEmr-3462100	0.74	50.55	9.11	44:04:13	2.67
CEmr-3462900	0.74	49.61	7.09	44:56:39	3.55
CEmr-3463700	0.74	49.54	6.93	43:16:02	1.87
CEsr-6254000	0.74	48.74	5.21	42:09:47	0.76
CEsr-6939000	0.74	50.20	8.35	43:12:07	1.80
CEmr-2579100	0.74	44.29	-4.40	38:33:34	-2.84
CEmr-2572300	0.74	49.45	6.74	42:26:36	1.05
CEmr-2025601	0.74	45.99	-0.73	41:12:02	-0.20
CEmr-2961400	0.74	1.38	-97.02	0:59:43	-40.40

(continued on next page)

Table 2 (continued)

Compound name	Z'-factor	AUC _n	%AUC _n	CIT ₅₀	ΔCIT ₅₀
CEmr-2964100	0.74	56.09	21.07	52:02:44	10.65
CEmr-2742300	0.74	54.52	17.69	43:27:09	2.05
CEmr-2792300	0.74	53.77	16.06	42:49:53	1.43
CEmr-2391000	0.74	53.37	15.20	42:28:28	1.08
CEmr-2634600	0.74	51.00	10.09	42:07:28	0.73
CEmr-2968500	0.74	54.70	18.06	44:20:45	2.95
CEmr-2962200	0.74	48.85	5.44	48:06:52	6.72
CEmr-3074100	0.74	53.37	15.20	44:35:27	3.19
CEsr-2760000	0.74	55.41	19.61	42:10:15	0.77
CEsr-6434000	0.74	51.35	10.83	43:43:47	2.33
CEmr-2969900	0.74	50.40	8.78	41:13:23	-0.18
CEmr-3068100	0.74	65.55	41.50	50:31:06	9.12
CEmr-2690100	0.74	46.09	-0.51	41:46:48	0.38
CEsr-6470000	0.74	54.25	17.09	44:04:25	2.68
CEsr-6863000	0.74	56.28	21.47	44:55:09	3.52
CEmr-3101700	0.74	56.03	20.94	46:44:10	5.34
CEmr-2430500	0.74	52.03	12.31	42:22:20	0.97
CEsr-5312000	0.74	48.19	4.01	40:53:50	-0.50
CEsr-5412000	0.74	45.42	-1.95	37:00:50	-4.38
CEmr-1723400	0.74	56.62	22.22	44:15:55	2.87
CEmr-6678000	0.74	57.24	23.56	44:12:26	2.81
CEmr-2668700	0.74	47.54	2.62	40:42:08	-0.70
CEsr-3204000	0.74	42.54	-8.19	38:13:20	-3.18
CEsr-7463000	0.74	45.42	-1.97	39:03:31	-2.34
CEsr-6100000	0.74	27.21	-41.28	25:11:03	-16.21
CEmr-2886900	0.74	48.87	5.47	41:52:07	0.47
CEsr-6650000	0.74	42.86	-7.48	38:22:38	-3.02
CEmr-2810000	0.74	46.30	-0.06	41:01:11	-0.38
CEsr-3215000	0.74	53.04	14.48	43:00:54	1.62
CEmr-1671900	0.74	39.93	-13.80	38:58:05	-2.43
CEsr-5310000	0.74	48.29	4.23	41:23:41	0.00
CEmr-1215300	0.74	56.95	22.92	43:09:41	1.76
CEsr-4224000	0.74	51.86	11.94	42:32:05	1.14
CEsr-5610000	0.74	51.74	11.67	42:29:05	1.09
CEmr-2146600	0.74	65.36	41.08	52:18:01	10.90
CEsr-2970000	0.74	55.60	20.02	44:54:55	3.52
CEmr-3053400	0.74	52.13	12.52	44:00:48	2.62
CEsr-1199000	0.74	50.32	8.61	45:23:38	4.00
CEmr-3017000	0.74	52.25	12.79	45:05:40	3.70
CEsr-6980000	0.74	48.84	5.42	43:40:13	2.27
CEmr-3227900	0.74	46.21	-0.26	41:27:23	0.06
CEsr-7047000	0.74	42.48	-8.30	39:40:51	-1.72
CEsr-7076000	0.74	53.05	14.51	40:29:04	-0.91
CEmr-3098100	0.74	45.07	-2.71	42:02:31	0.64
CEmr-3015800	0.74	52.11	12.48	43:08:32	1.74
CEmr-3014800	0.74	50.40	8.78	43:24:33	2.01
CEmr-1989100	0.74	50.59	9.20	40:46:06	-0.63
CEmr-2361000	0.74	57.44	23.98	44:11:00	2.79
CEsr-6968000	0.74	49.75	7.39	41:00:03	-0.40
CEsr-5823000	0.74	57.02	23.07	43:28:23	2.07
CEmr-8242000	0.74	50.90	9.86	40:39:53	-0.73
CEmr-2022800	0.74	44.11	-4.78	39:52:34	-1.52
CEmr-2503900	0.74	48.20	4.04	40:30:49	-0.88
CEsr-2166000	0.74	46.74	0.89	42:57:21	1.56
CEsr5868000	0.74	49.32	6.45	41:27:13	0.06
CEmr-2362900	0.74	49.50	6.83	40:13:27	-1.17
CEsr-2471000	0.74	49.47	6.78	39:50:05	-1.56
CEsr-5810000	0.74	46.48	0.32	41:35:02	0.19
CEsr-4681000	0.74	51.46	11.07	42:41:04	1.29
CEsr-5159000	0.74	50.81	9.66	41:35:32	0.19
CEmr-2500900	0.74	43.14	-6.88	40:31:31	-0.87

(continued on next page)

Table 2 (continued)

Compound name	Z'-factor	AUC _n	%AUC _n	CIT ₅₀	ΔCIT ₅₀
CEsr-2986000	0.74	45.13	-2.59	41:15:34	-0.14
CEmr-2792600	0.74	48.88	5.50	40:48:22	-0.59
C18 untreated mock-infected cells	0.52	144.70 ± 11.46	N.D	N.D	N.D
C18 untreated infected cells	0.52	54.02 ± 2.92	N.D	43:17:18	N.D
CEmr-2390700	0.52	51.60	-4.48	44:57:54	-0.73
CEsr-7201000	0.52	54.09	0.13	43:33:54	-2.13
CEmr-2699500	0.52	50.89	-5.78	50:09:04	4.45
CEsr-4757000	0.52	54.06	0.08	45:51:13	0.16
CEsr-7202000	0.52	54.11	0.17	46:22:47	0.68
CEmr-3000200	0.52	51.05	-5.50	45:05:42	-0.60
CEmr-3053000	0.52	49.56	-8.25	43:04:57	-2.62
CEmr-2435800	0.52	59.14	9.48	52:35:09	6.89
CEmr-1561000	0.52	55.42	2.60	45:15:22	-0.44
CEsr-7294000	0.52	61.06	13.04	48:50:21	3.14
CEmr-2962500	0.52	44.72	-17.22	46:31:58	0.83
CEsr-7235000	0.52	51.42	-4.81	44:44:32	-0.96
CEmr-3053700	0.52	53.18	-1.56	46:10:32	0.48
CEsr-7228000	0.52	29.52	-45.36	22:31:44	-23.17
CEsr-7223000	0.52	26.26	-51.39	21:46:11	-23.93
CEsr-7289000	0.52	50.90	-5.78	45:24:24	-0.29
CEmr-2980700	0.52	54.43	0.77	43:53:04	-1.81
CEsr-7238000	0.52	57.08	5.67	43:06:02	-2.60
CEsr-7214000	0.52	37.74	-30.13	50:33:16	4.86
CEsr-2015000	0.52	52.99	-1.91	42:44:42	-2.95
CEmr-2980100	0.52	51.84	-4.04	45:20:56	-0.35
CEmr-2533600	0.52	53.76	-0.48	45:41:06	-0.01
CEsr-4739000	0.52	58.78	8.82	46:08:40	0.45
CEsr-4770000	0.52	51.08	-5.44	43:27:41	-2.24
CEsr-4733000	0.52	55.97	3.61	44:04:33	-1.62
CEsr-4654000	0.52	52.19	-3.39	42:51:32	-2.84
CEmr-1997500	0.52	52.76	-2.34	43:09:57	-2.53
CEsr-4769000	0.52	54.98	1.78	44:22:38	-1.32
CEmr-2340700	0.52	49.15	-9.01	44:42:24	-0.99
CEsr-4628000	0.52	56.35	4.32	46:19:58	0.63
CEsr-1155000	0.52	49.06	-9.18	42:50:52	-2.85
CEmr-2105500	0.52	61.71	14.23	50:12:36	4.51
CEmr-2870900	0.52	54.00	-0.03	55:44:04	10.04
CEsr-1295000	0.52	55.39	2.54	45:19:14	-0.38
CEmr-1545600	0.52	54.91	1.65	46:44:04	1.04
CEsr-1061000	0.52	58.46	8.22	46:36:18	0.91
CEmr-2697500	0.52	49.93	-7.57	42:36:27	-3.09
CEsr-6040000	0.52	59.81	10.72	49:01:05	3.32
CEsr-1171000	0.52	55.40	2.56	42:59:20	-2.71
CEsr-7549000	0.52	50.05	-7.34	44:22:49	-1.32
CEsr-1031000	0.52	54.79	1.43	42:59:57	-2.70
CEsr-1145000	0.52	56.60	4.77	46:49:06	1.12
CEmr-1621300	0.52	55.99	3.65	46:40:36	0.98
CEsr-7066000	0.52	57.10	5.71	47:16:45	1.58
CEsr-7152000	0.52	54.72	1.30	44:03:51	-1.63
CEsr-7127000	0.52	56.95	5.43	43:30:22	-2.19
CEsr-6317000	0.52	46.39	-14.12	44:13:45	-1.47
CEsr-2581000	0.52	50.48	-6.55	45:53:13	0.19
CEsr-2586000	0.52	51.63	-4.42	43:55:43	-1.77
CEsr-6390000	0.52	55.96	3.59	45:38:59	-0.05
CEsr-6969000	0.52	56.66	4.88	45:35:13	-0.11
CEmr-2733800	0.52	61.10	13.11	47:56:02	2.24
CEsr-2527000	0.52	57.04	5.60	46:00:56	0.32
CEsr-6320000	0.52	56.51	4.62	46:55:44	1.23
CEsr-7128000	0.52	42.14	-21.99	54:45:12	9.06
CEsr-3746000	0.52	54.00	-0.04	46:04:55	0.38
CEsr-2568000	0.52	1.85	25.00	-1.70368691	-1.31

(continued on next page)

Table 2 (continued)

Compound name	Z'-factor	AUC _n	%AUC _n	CIT ₅₀	ΔCIT ₅₀
CEsr-5085000	0.52	44.37	-17.86	44:08:10	-1.56
CEsr-6387000	0.52	48.02	-11.10	42:18:53	-3.38
CEmr-2331600	0.52	54.74	1.33	45:00:51	-0.68
CEmr-1945600	0.52	54.97	1.77	44:36:40	-1.09
CEmr-2293500	0.52	51.69	-4.31	42:48:07	-2.90
CEsr-6693000	0.52	59.83	10.75	48:38:30	2.94
CEmr-1675800	0.52	56.81	5.18	46:29:20	0.79
CEmr-2331700	0.52	58.64	8.56	44:56:00	-0.76
CEmr-1208500	0.52	56.80	5.14	44:57:51	-0.73
CEsr-2226000	0.52	55.39	2.54	44:26:46	-1.25
CEmr-1329200	0.52	59.44	10.05	45:31:05	-0.18
CEsr-6686000	0.52	57.56	6.56	43:03:08	-2.65
CEmr-2105300	0.52	56.66	4.89	48:09:11	2.45
CEsr-4218000	0.52	54.56	1.00	47:39:45	1.96
CEsr-3787000	0.52	54.21	0.35	42:31:57	-3.17
CEsr-6688000	0.52	60.95	12.83	46:07:03	0.42
CEmr-2103500	0.52	46.82	-13.33	42:08:21	-3.56
CEmr-6668000	0.52	52.36	-3.07	43:30:09	-2.20
CEmr-2330600	0.52	53.51	-0.93	43:00:01	-2.70
CEmr-1546000	0.52	49.77	-7.87	42:28:02	-3.23
CEsr-5018000	0.52	52.39	-3.01	46:13:51	0.53
CEmr-1949600	0.52	51.49	-4.68	44:51:11	-0.85
CEsr-2601000	0.52	57.87	7.12	45:12:59	-0.48
C19 untreated mock-infected cells	0.67	127.33 ± 8.37	N.D	N.D	N.D
C19 untreated infected cells	0.67	41.72 ± 0.95	N.D	33:53:05	N.D
CEsr-3029000	0.67	37.32	-10.54	37:51:19	1.35
CEsr-3050000	0.67	42.50	1.86	37:08:27	0.63
CEsr-5040000	0.67	37.46	-10.22	38:46:11	2.26
CEsr-2291000	0.67	38.71	-7.22	33:58:54	-2.53
CEsr-1599000	0.67	44.51	6.69	38:11:41	1.69
CEsr-3093000	0.67	42.16	1.05	37:10:38	0.67
CEsr-5111000	0.67	41.54	-0.43	36:31:18	0.01
CEsr-1583000	0.67	41.11	-1.47	36:31:00	0.01
CEsr-3070000	0.67	40.40	-3.17	37:10:26	0.67
CEmr-3023600	0.67	40.27	-3.47	36:28:16	-0.04
CEsr-5112000	0.67	40.71	-2.43	37:46:13	1.26
CEsr-5845000	0.67	46.93	12.48	42:25:46	5.92
CEsr-5619000	0.67	40.78	-2.26	36:05:21	-0.42
CEpa-18	0.67	40.61	-2.67	36:22:06	-0.14
CEsr-1073000	0.67	38.15	-8.56	33:53:01	-2.62
CEsr-5171000	0.67	34.39	-17.57	34:29:21	-2.02
CEmr-2532200	0.67	46.39	11.18	39:35:59	3.09
CEsr-1586000	0.67	42.25	1.26	36:46:43	0.27
CEsr-1024000	0.67	44.16	5.83	39:05:38	2.59
CEsr-1240000	0.67	45.42	8.86	38:26:59	1.94
CEmr-2506700	0.67	41.34	-0.92	42:09:41	5.65
CEsr-1074000	0.67	44.16	5.84	37:14:24	0.73
CEsr-7126000	0.67	39.11	-6.26	33:53:49	-2.61
CEmr-2505900	0.67	40.86	-2.06	36:00:37	-0.50
CEsr-1250000	0.67	42.63	2.18	37:05:17	0.58
CEsr-4979000	0.67	40.50	-2.92	35:26:57	-1.06
CEmr-2434900	0.67	46.21	10.74	40:51:54	4.36
CEmr-2871700	0.67	33.15	-20.55	19:30:47	-16.99
CEsr-7199000	0.67	35.55	-14.79	38:32:28	2.03
CEsr-6579000	0.67	45.93	10.08	38:35:41	2.09
CEsr-2991000	0.67	40.18	-3.69	36:10:59	-0.32
CEsr-2348000	0.67	37.09	-11.09	32:30:34	-4.00
CEsr-3041000	0.67	44.47	6.59	37:23:17	0.88
CEsr-3069000	0.67	41.71	-0.03	35:28:10	-1.04
CEsr-4983000	0.67	38.52	-7.69	35:49:09	-0.69
CEsr-5110000	0.67	39.64	-5.00	34:22:30	-2.13
CEsr-3083000	0.67	30.59	-26.68	35:50:41	-0.66

(continued on next page)

Table 2 (continued)

Compound name	Z-factor	AUC _n	%AUC _n	CIT ₅₀	ΔCIT ₅₀
CEmr-2364300	0.67	39.77	-4.69	35:17:23	-1.22
CEsr-1225000	0.67	43.28	3.72	37:25:59	0.93
CEsr-4909000	0.67	34.89	-16.38	36:26:55	-0.06
CEsr-6505000	0.67	43.46	4.17	39:25:17	2.91
CEsr-3705000	0.67	35.26	-15.50	40:04:12	3.56
CEsr-3741000	0.67	42.73	2.40	36:59:50	0.49
CEmr-2577800	0.67	42.39	1.61	40:18:49	3.81
CEmr-2491200	0.67	35.22	-15.60	35:48:44	-0.69
CEsr-3717000	0.67	42.52	1.90	35:31:56	-0.97
CEsr-6249000	0.67	40.53	-2.86	35:50:39	-0.66
CEsr-3751000	0.67	42.15	1.02	36:05:23	-0.42
CEmr-2578900	0.67	40.05	-4.00	37:25:39	0.92
CEsr-3443000	0.67	42.15	1.02	35:51:22	-0.65
CEmr-2578100	0.67	37.63	-9.81	36:50:03	0.33
CEsr-3721000	0.67	42.65	2.23	38:44:57	2.24
CEsr-3446000	0.67	43.51	4.28	36:04:30	-0.43
CEmr-1622900	0.67	39.31	-5.80	34:38:16	-1.87
CEsr-3494000	0.67	40.59	-2.70	36:38:33	0.14
CEsr-3762000	0.67	42.35	1.51	36:29:50	-0.01
CEsr-1611000	0.67	39.87	-4.44	38:38:27	2.13
CEsr-3461000	0.67	41.37	-0.85	35:41:45	-0.81
CEsr-5122000	0.67	40.21	-3.62	39:06:12	2.60
CEsr-6276000	0.67	40.76	-2.30	36:28:46	-0.03
CEsr-3493000	0.67	40.95	-1.84	35:47:28	-0.72
CEsr-6443000	0.67	30.13	-27.78	36:18:30	-0.20
CEsr-5652000	0.67	42.03	0.73	37:04:51	0.57
CEsr-6126000	0.67	38.11	-8.66	33:54:32	-2.60
CEmr-2557200	0.67	40.76	-2.31	38:11:17	1.68
CEsr-6445000	0.67	39.47	-5.41	36:06:36	-0.40
CEsr-6148000	0.67	40.08	-3.94	35:58:33	-0.53
CEmr-2632800	0.67	37.18	-10.90	35:59:41	-0.51
CEmr-2288100	0.67	44.51	6.69	36:46:21	0.27
CEmr-2740700	0.67	40.35	-3.28	34:27:46	-2.04
CEsr-5673000	0.67	37.85	-9.28	36:59:08	0.48
CEmr-3250900	0.67	43.59	4.47	38:38:45	2.14
CEmr-2741600	0.67	41.44	-0.67	38:22:36	1.87
CEmr-2584500	0.67	42.25	1.27	36:33:28	0.05
CEsr-618400	0.67	41.76	0.09	43:50:01	7.33
CEmr-2742200	0.67	38.09	-8.72	36:48:00	0.29
CEsr-1622000	0.67	39.82	-4.55	38:21:15	1.85
CEsr-4658000	0.67	40.29	-3.43	39:02:22	2.53
CEmr-1401400	0.67	40.97	-1.80	36:30:04	-0.01
CEmr-2435300	0.67	40.56	-2.79	38:47:23	2.28
C20 untreated mock-infected cells	0.72	136.01 ± 7.86	N.D	N.D	N.D
C20 untreated infected cells	0.72	41.83 ± 0.79	N.D	31:51:58	N.D
CEmr-2691200	0.72	37.52	-10.31	36:20:43	-0.20
CEmr-1727100	0.72	41.62	-0.52	36:44:40	0.20
CEmr-1845800	0.72	40.41	-3.39	36:42:19	0.16
CEsr-2264000	0.72	41.97	0.32	36:16:57	-0.26
CEmr-2635500	0.72	37.77	-9.72	34:49:42	-1.72
CEsr-3617000	0.72	42.33	1.19	37:09:22	0.61
CEmr-1847600	0.72	42.10	0.64	36:32:50	0.00
CEsr-3674000	0.72	34.32	-17.97	41:10:16	4.62
CEsr-1947000	0.72	38.37	-8.29	37:38:37	1.10
CEsr-3653000	0.72	37.96	-9.26	35:58:46	-0.57
CEsr-5736000	0.72	45.13	7.87	39:12:03	2.65
CEsr-3677000	0.72	42.43	1.42	37:13:04	0.67
CEsr-3650000	0.72	36.90	-11.79	35:08:27	-1.41
CEmr-2987200	0.72	37.83	-9.57	36:31:32	-0.02
CEmr-2401400	0.72	39.80	-4.87	35:42:09	-0.84

(continued on next page)

Table 2 (continued)

Compound name	Z'-factor	AUC _n	%AUC _n	CIT ₅₀	ΔCIT ₅₀
CEsr-3693000	0.72	41.20	-1.52	37:08:34	0.60
CEmr-3040700	0.72	38.52	-7.92	36:24:26	-0.14
CEsr-7418000	0.72	32.99	-21.14	40:10:59	3.64
CEmr-3392800	0.72	40.98	-2.04	36:19:48	-0.22
CEmr-1479000	0.72	40.03	-4.30	35:42:13	-0.84
CEmr-2504900	0.72	42.31	1.15	37:17:48	0.75
CEmr-3395500	0.72	36.36	-13.09	34:12:50	-2.33
CEmr-1440900	0.72	37.72	-9.84	34:10:05	-2.38
CEsr-7023000	0.72	37.59	-10.13	33:38:15	-2.91
CEsr-6449000	0.72	42.24	0.97	37:57:48	1.42
CEsr-5118000	0.72	40.54	-3.10	36:24:59	-0.13
CEmr-2285600	0.72	42.24	0.98	37:09:11	0.61
CEsr-6751000	0.72	41.68	-0.36	35:38:27	-0.91
CEmr-3097600	0.72	38.86	-7.11	36:12:54	-0.33
CEsr-6946000	0.72	36.72	-12.22	32:10:56	-4.36
CEsr-6596000	0.72	36.59	-12.53	33:06:01	-3.45
CEmr-2328600	0.72	48.31	15.48	38:16:13	1.72
CEmr-1634400	0.72	38.17	-8.77	35:00:45	-1.53
CEsr-6096000	0.72	42.05	0.53	35:58:15	-0.58
CEmr-1844400	0.72	40.23	-3.83	37:29:24	0.94
CEsr-3579000	0.72	39.50	-5.58	37:12:26	0.66
CEmr-2431900	0.72	45.38	8.48	39:50:28	3.29
CEmr-2433900	0.72	42.23	0.94	37:30:04	0.95
CEmr-2430600	0.72	42.58	1.78	37:00:34	0.46
CEmr-2435000	0.72	46.81	11.89	36:47:06	0.24
CEsr-6165000	0.72	37.61	-10.09	34:24:59	-2.13
CEmr-1762300	0.72	38.28	-8.50	36:34:59	0.04
CEmr-2435600	0.72	47.40	13.31	44:35:24	8.04
CEsr-7016000	0.72	37.09	-11.35	36:44:53	0.20
CEmr-3203200	0.72	38.01	-9.13	34:18:05	-2.25
CEsr-1787000	0.72	39.79	-4.87	35:42:02	-0.85
CEsr-4751000	0.72	38.23	-8.62	37:40:23	1.13
CEsr-4752000	0.72	39.55	-5.46	34:36:57	-1.93
CEsr-2877000	0.72	37.47	-10.43	35:16:48	-1.27
CEsr-2128000	0.72	43.38	3.69	35:35:47	-0.95
CEsr-4761000	0.72	43.06	2.94	35:49:35	-0.72
CEsr-1946000	0.72	45.27	8.23	36:38:32	0.10
CEmr-1384800	0.72	40.05	-4.27	35:54:04	-0.65
CEsr-3427000	0.72	43.81	4.72	36:24:31	-0.14
CEsr-1498000	0.72	37.58	-10.16	33:22:04	-3.18
CEmr-1334000	0.72	44.83	7.17	38:14:04	1.69
CEsr-2276000	0.72	41.54	-0.71	38:18:40	1.76
CEsr-1515000	0.72	41.87	0.09	37:01:08	0.47
CEsr-5948000	0.72	34.79	-16.83	37:48:19	1.26
CEsr-1527000	0.72	41.90	0.17	35:30:17	-1.04
CEsr-5972000	0.72	38.95	-6.88	35:04:16	-1.48
CEsr-1547000	0.72	41.89	0.14	35:45:19	-0.79
CEsr-5974000	0.72	41.66	-0.41	36:13:43	-0.32
CEmr-1507400	0.72	40.23	-3.82	34:38:20	-1.91
CEmr-1511500	0.72	37.20	-11.08	34:54:40	-1.64
CEmr-2100100	0.72	37.21	-11.05	35:25:01	-1.13
CEmr-3263100	0.72	39.93	-4.54	36:19:32	-0.22
CEmr-1618000	0.72	32.62	-22.02	35:41:52	-0.85
CEsr-7428000	0.72	39.37	-5.89	35:29:14	-1.06
CEsr-6457000	0.72	44.30	5.90	36:44:32	0.20
CEmr-1506900	0.72	40.27	-3.75	36:08:35	-0.40
CEsr-4661000	0.72	37.63	-10.06	33:08:45	-3.40
CEmr-2243900	0.72	36.52	-12.69	35:32:01	-1.01
CEmr-2965500	0.72	39.27	-6.12	35:52:26	-0.67
CEmr-1500800	0.72	39.20	-6.30	39:26:46	2.90

(continued on next page)

Table 2 (continued)

Compound name	Z'-factor	AUC _n	%AUC _n	CIT ₅₀	ΔCIT ₅₀
CEmr-2968600	0.72	37.32	-10.78	34:55:20	-1.62
CEmr-2388200	0.72	36.91	-11.76	35:24:23	-1.14
CEmr-3264000	0.72	38.44	-8.11	36:17:24	-0.26
CEsr-6750000	0.72	40.03	-4.31	35:53:48	-0.65
CEmr-2031800	0.72	41.31	-1.26	36:07:38	-0.42
C21 untreated mock-infected cells	0.68	121.79 ± 4.41	N.D	N.D	N.D
C21 untreated infected cells	0.68	40.10 ± 1.60	N.D	37:02:50	N.D
CEmr-1870900	0.68	39.93	-4.54	36:36:04	-1.56
CEsr-6210000	0.68	42.19	0.86	37:50:29	-0.32
CEsr-6217000	0.68	43.69	4.43	36:59:24	-1.17
CEsr-6237000	0.68	38.57	-7.79	35:08:36	-3.02
CEsr-6238000	0.68	41.02	-1.95	36:35:35	-1.57
CEsr-6265000	0.68	42.22	0.92	37:29:20	-0.67
CEsr-6990000	0.68	37.32	-10.80	37:39:04	-0.51
C22 untreated mock-infected cells	0.95	87.80 ± 0.86	N.D	N.D	N.D
C22 untreated infected cells	0.95	37.36 ± 0.39	N.D	35:11:02	N.D
CEmr-3267300	0.95	33.80	-9.53	36:19:49	1.15
CEmr-3123500	0.95	39.85	6.66	38:08:15	2.95
CEmr-3484600	0.95	46.38	24.12	43:02:01	7.85
CEmr-3540300	0.95	36.45	-2.44	36:46:18	1.59
CEmr-3540900	0.95	47.23	26.41	42:51:09	7.67
CEmr-3541100	0.95	36.38	-2.64	38:02:07	2.85
C23 untreated mock-infected cells	0.81	92.16 ± 5.50	N.D	N.D	N.D
C23 untreated infected cells	0.81	41.58 ± 0.30	N.D	37:48:19	N.D
CEmr-3266100	0.81	16.52	-60.27	33:49:27	-3.98
CEmr-3411000	0.81	31.01	-25.41	0:27:01	-37.35
CEmr-3410400	0.81	39.05	-6.07	46:16:06	3.00
CEmr-3410900	0.81	43.20	3.90	40:05:19	2.28
CEmr-3411100	0.81	39.58	-4.79	38:51:00	1.04
CEsr-1088000	0.81	33.97	-18.29	37:17:11	-0.52
C24 untreated mock-infected cells	0.94	111.24 ± 13.06	N.D	N.D	N.D
C24 untreated infected cells	0.94	38.27 ± 1.68	N.D	39:38:12	N.D
CEmr-1982700	0.94	38.68	1.06	39:58:22	0.34
CEmr-3222500	0.94	35.28	-7.81	35:31:27	-4.11
CEmr-3261900	0.94	40.63	6.15	42:50:00	3.20
CEmr-3262100	0.94	46.53	21.58	45:07:04	5.48
CEmr-3262300	0.94	43.05	12.47	41:12:22	1.57
CEmr-3266400	0.94	40.79	6.56	42:50:56	3.21
C25 untreated mock-infected cells	0.86	110.62 ± 2.41	N.D	N.D	N.D
C25 untreated infected cells	0.86	36.83 ± 6.33	N.D	39:22:44	N.D
CEmr-3266500	0.86	40.71	10.52	43:33:36	3.66
CEmr-3266700	0.86	39.42	7.01	43:58:16	4.08
CEmr-3266800	0.86	45.81	24.36	43:18:45	3.42
CEmr-3267000	0.86	41.12	11.63	44:01:42	4.13
CEmr-3267200	0.86	40.48	9.90	40:21:36	0.46
CEmr-3267600	0.86	41.18	11.79	46:43:26	6.83
C26 untreated mock-infected cells	0.86	101.52 ± 2.66	N.D	N.D	N.D
C26 untreated infected cells	0.86	32.59 ± 3.77	N.D	38:16:03	N.D
CEmr-3267700	0.86	40.97	25.73	45:23:46	4.47
CEmr-3267800	0.86	39.55	21.38	43:16:26	-15.94
CEmr-3267900	0.86	53.04	62.78	6:24:17	10.62
CEmr-3268000	0.86	21.56	-33.83	18:19:35	-19.94
CEmr-3269600	0.86	36.81	12.95	38:57:13	0.69
CEmr-3269800	0.86	42.93	31.75	43:15:14	4.99
C27 untreated mock-infected cells	0.87	111.24 ± 13.73	N.D	N.D	N.D
C27 untreated infected cells	0.87	44.12 ± 0.07	N.D	40:59:13	N.D
CEsr-233100	0.87	47.76	8.25	40:17:57	-0.69
CEsr-1824000	0.87	35.98	-18.44	37:38:31	-3.34
CEsr-1077000	0.87	40.70	-7.74	44:27:13	3.47
CEsr-1075000	0.87	45.12	2.27	42:52:12	1.88
CEmr-3411200	0.87	39.45	-10.59	43:59:57	3.01

(continued on next page)

Table 2 (continued)

Compound name	Z'-factor	AUC _n	%AUC _n	CIT ₅₀	ΔCIT ₅₀
CEmr-3269900	0.87	38.50	-12.74	39:17:16	-1.70
C28 untreated mock-infected cells	0.73	92.91 ± 6.21	N.D	N.D	N.D
C28 untreated infected cells	0.73	37.86 ± 0.36	N.D	38:52:58	N.D
CEsr-1057000	0.73	37.93	0.15	37:51:08	-1.03
CEmr-3269700	0.73	23.47	-32.63	17:24:46	-21.47
CEmr-3123300	0.73	29.65	-18.62	33:05:10	-5.80
C29 untreated mock-infected cells	0.98	94.21 ± 8.18	N.D	N.D	N.D
C29 untreated infected cells	0.98	41.33 ± 4.01	N.D	45:42:21	N.D
CEmr-3222400	0.98	23.47	-40.48	29:49:30	-19.43
CEmr-3261500	0.98	29.65	-26.48	45:36:20	-3.65
C30 untreated mock-infected cells	0.57	106.17 ± 6.57	N.D	N.D	N.D
C30 untreated infected cells	0.57	41.18 ± 6.69	N.D	51:23:32	N.D
CEmr-3261600	0.57	45.80	10.46	44:16:01	-7.13
CEmr-3269400	0.57	48.90	17.48	53:03:57	1.67
CEmr-3410500	0.57	51.22	22.75	51:22:46	-0.01

bovine serum (Eurobio, Courtaboeuf, France), 100 IU/mL penicillin, 0.1 mg/mL streptomycin and 0.25 μg/mL amphotericin B (Eurobio) at 37 °C and 5 % CO₂. The screening of antiviral compounds was performed against EHV-1 Kentucky D (KyD) strain (ATCC® VR700™) at a MOI of 0.01.

1 Compounds

Three different libraries including 2,891 compounds were screened in this study: i) 1,199 compounds from the Prestwick® Chemical Library (Prestwick Chemical, Illkirch, France), containing mostly US Food and Drug Administration approved drugs provided at 2 mg/mL in DMSO; ii) 1,651 compounds from the Centre d'Etudes et de Recherche sur le Médicament de Normandie (CERMN, Caen, France) provided at 10 mM in DMSO; iii) 41 compounds dissolved at 10 mM in DMSO (named herein in-house antiviral library) selected for their effects against different human viruses .

1 Screening of compound libraries using the RTCA system

The screening was performed with the RTCA MP system (ACEA Biosciences Inc., San Diego, CA, USA) as previously described [2]. This system measured the impedance signal by the electronic sensor analyser with 6 independent positions for 96-well E-plates (ACEA Biosciences). The impedance signal was derived in a dimensionless value, called Cell Index (CI) and graphically represented [2].

The background readings were obtained with EMEM supplemented in each well of the E-plate view PET (ACEA Biosciences). Cells were then seeded at a density of 1.2×10^4 per well incubated at room temperature for 30 min, and then placed onto the RTCA-MP station located in the incubator (adapted from [6]). CI values were measured automatically every minute during the first 10 hrs, and then every 15 min for the next 14 hrs.

After 24 hrs of incubation, medium was removed and cells were infected with EHV-1 KyD strain with or without chemical compounds. Control cells were treated with 0.5 % DMSO in presence or absence of the virus. Plates were put back onto the RTCA MP station, and the CI values were recorded every 10 min during 120 h.

The screening was performed under blind conditions and 80 compounds were tested by plate at a final concentration of 10 μg/mL (Prestwick® Chemical Library), 10 μM (CERMN library) or 50, 10, 2 and 0.4 μM (in-house antiviral library) in 0.5 % DMSO. Each plate includes the controls required for calculation of the Z'-factor [5] based on AUC_n values between 0 and 120 h post-infection (hpi). The formula is: $Z' = 1 - 3 \times (\sigma^+ + \sigma^-) / (\mu^+ - \mu^-)$, where σ^+ and σ^- correspond to standard deviations of AUC_n for uninfected and infected cells with DMSO, respectively; and μ^+ and μ^- correspond to means of AUC_n for uninfected and infected cells with DMSO, respectively. Only plates presenting a Z'-factor higher than 0.5 were validated for further analysis as

Table 3

Screening of 41 compounds (in-house antiviral library) selected for their effects against different human viruses at 4 concentrations (0.4, 2, 10 and 50 μM). For each compound, the following values are provided: the area under normalised Cell Index curve (AUC_n), the $\% \text{AUC}_n$ compared to AUC_n of untreated infected cells, the time required for the cell index to decrease by 50 % after virus infection (CIT_{50}) and the ΔCIT_{50} value obtained by comparing results for treated vs untreated, EHV-1-infected control wells. The Z'-factor was used to assess the quality of the screening in 96-well format. For untreated mock-infected and untreated infected cells, the mean \pm SD of AUC_n is reported. *N.D.*, not determinable.

Compound name	Supplier	Z'-factor	AUC_n				$\% \text{AUC}_n$				CIT_{50}				ΔCIT_{50}			
			50 μM	10 μM	2 μM	0.4 μM	50 μM	10 μM	2 μM	0.4 μM	50 μM	10 μM	2 μM	0.4 μM	50 μM	10 μM	2 μM	0.4 μM
A1 untreated mock-infected cells		0.74	156.79 \pm 9.26				N.D.				N.D.				N.D.			
A1 untreated infected cells		0.74	57.08 \pm 2.59				N.D.				31:52:27				N.D.			
Mercaptopurine	Target Mol	0.74	41.98	49.59	52.52	50.67	-39.72	-19.72	-12.00	-16.87	30:04:57	32:51:02	33:41:02	32:24:07	-1.76	1.01	1.84	0.56
Thioguanine	Target Mol	0.74	45.22	51.94	51.43	51.39	-31.22	-13.54	-14.86	-14.98	28:14:30	32:05:21	31:41:42	30:27:49	-3.60	0.24	-0.15	-1.38
Valganciclovir	Target Mol	0.74	177.47	131.87	84.84	53.52	316.71	196.74	73.03	-9.38	147:44:32	28:32:34	47:53:27	33:25:08	115.90	-3.30	16.05	1.57
Valaciclovir	Target Mol	0.74	70.89	48.32	45.80	51.60	36.33	-23.04	-29.68	-14.44	41:13:30	28:47:46	26:26:57	32:02:04	9.38	-3.05	-5.40	0.19
Penciclovir	Target Mol	0.74	63.88	49.84	49.04	48.81	17.89	-19.06	-21.16	-21.75	40:47:08	30:46:02	32:17:14	29:24:29	8.94	-1.08	0.44	-2.44
Famciclovir	Target Mol	0.74	46.39	48.66	47.51	49.39	-28.13	-22.16	-25.17	-20.23	29:21:08	30:34:39	29:56:22	31:01:37	-2.49	-1.27	-1.91	-0.82
Maribavir	Target Mol	0.74	51.30	49.71	51.46	53.00	-15.22	-19.40	-14.79	-10.74	37:21:43	32:49:24	32:38:31	32:55:22	5.2	0.98	0.80	1.08
Didanosine	Target Mol	0.74	54.52	49.67	60.00	49.97	-6.74	-19.52	7.68	-18.72	29:37:46	30:05:36	34:56:53	33:17:07	-2.22	-1.75	3.10	1.44
Stavudine	Target Mol	0.74	50.28	49.44	52.49	53.54	-17.89	-20.11	-12.08	-9.33	31:04:33	29:27:03	31:30:50	32:47:16	-0.77	-2.39	-0.33	0.94

(continued on next page)

Table 3 (continued)

Compound name	Supplier	Z'-factor	AUC _n				%AUC _n				CIT ₅₀				ΔCIT ₅₀			
			10 μM		20 μM		10 μM		20 μM		10 μM		20 μM		10 μM		20 μM	
			50 μM	10 μM	20 μM	0.4 μM	50 μM	10 μM	20 μM	0.4 μM	50 μM	10 μM	20 μM	0.4 μM	50 μM	10 μM	20 μM	0.4 μM
Lamivudine	Target Mol	0.74	53.84	52.80	51.53	50.36	-8.52	-11.26	-14.60	-17.67	32:23:37	33:09:48	31:39:41	32:07:56	0.55	1.32	-0.18	0.29
Abacavir	Target Mol	0.74	50.57	53.67	52.64	48.42	-17.14	-8.99	-11.68	-22.80	26:56:17	32:21:46	32:27:26	29:59:41	-4.91	0.52	0.61	-1.85
Adefovir dipivoxil	Target Mol	0.74	49.71	88.67	119.24	123.95	-19.41	83.10	163.52	175.92	24:16:02	147:44:31	147:44:31	123:32:51	-7.58	115.90	115.90	91.70
Tenofovir disoproxil	Target Mol	0.74	77.88	62.32	52.05	52.19	54.70	13.76	-13.25	-12.87	52:52:57	35:46:29	30:56:57	33:05:05	21.04	3.93	-0.90	1.24
Emtricitabine	Target Mol	0.74	48.89	53.46	54.12	49.47	-21.56	-9.54	-7.78	-20.04	27:48:05	35:02:51	32:51:10	32:05:11	-4.04	3.20	1.01	0.24
Capecitabine	Target Mol	0.74	47.51	50.66	50.25	46.70	-25.17	-16.89	-17.99	-27.30	31:08:32	30:10:49	32:57:59	28:44:35	-0.70	-1.66	1.12	-3.10
Cytarabine	Target Mol	0.74	114.38	95.55	55.16	46.30	150.72	101.19	-5.05	-28.36	78:35:53	69:03:43	32:45:25	31:02:17	46.75	37.22	0.91	-0.81
Decitabine	Target Mol	0.74	122.51	109.26	97.17	68.10	172.12	137.26	105.46	28.98	42:05:06	106:37:57	58:35:58	41:39:02	10.24	74.79	26.75	9.81
A2 untreated mock-infected cells		0.73	146.42 ± 9.06				N.D.				N.D.				N.D.			
A2 untreated infected cells		0.73	38.01 ± 3.00				N.D.				33:04:09				N.D.			
Gemcitabine	Target Mol	0.73	129.33	121.67	97.34	45.70	240.22	220.08	156.07	20.23	69:52:01	63:04:07	70:06:21	36:30:58	38.38	31.58	38.62	5.03
Cidofovir	Target Mol	0.73	34.46	41.04	36.73	35.92	-9.35	7.98	-3.37	-5.49	32:43:20	36:28:21	36:30:37	33:49:02	1.23	4.98	5.02	2.33
Telbivudine	Target Mol	0.73	34.09	35.57	33.98	33.41	-10.31	-6.43	-10.62	-12.10	30:24:48	31:52:08	33:40:39	33:54:47	-1.08	0.38	2.19	2.42
Sofosbuvir	Target Mol	0.73	35.77	34.00	34.62	33.15	-5.89	-10.55	-8.92	-12.78	33:19:36	32:03:00	30:19:53	30:46:50	1.84	0.56	-1.16	-0.71

(continued on next page)

Drug		IC50 (µM)	EC50 (µM)	IC90 (µM)	EC90 (µM)	IC99 (µM)	EC99 (µM)	IC99.9 (µM)	EC99.9 (µM)	IC99.99 (µM)	EC99.99 (µM)	IC99.999 (µM)	EC99.999 (µM)	IC99.9999 (µM)	EC99.9999 (µM)	IC99.99999 (µM)	EC99.99999 (µM)	IC99.999999 (µM)	EC99.999999 (µM)
Arbidol	Mol																		
	Target Mol	0.73	21.90	37.15	30.50	32.27	-42.38	-2.28	-19.77	-15.10	29:57:22	34:39:23	30:17:39	30:33:03	-1.53	3.17	-1.20	-0.94	
DMXAA	Mol																		
	Target Mol	0.73	40.75	35.18	29.18	36.33	7.19	-7.45	-23.23	-4.42	27:48:47	28:31:30	29:32:20	31:11:59	-3.68	-2.96	-1.95	-0.29	
25-hydroxycholesterol	Mol																		
	Cayman Europe	0.73	26.08	22.82	26.23	32.94	-31.40	-39.98	-31.00	-13.36	32:01:30	26:34:31	31:03:54	33:18:11	0.53	-4.91	-0.43	1.81	
Proguanil	Mol																		
	BIONET / Key Organics Ltd.	0.73	34.42	25.80	33.49	31.77	-9.44	-32.12	-11.89	-16.43	33:44:21	28:58:16	32:57:16	30:15:33	2.25	-2.52	1.46	-1.23	
Nelarabine	Mol																		
	AK Scientific, Inc.	0.73	30.10	27.45	28.15	34.38	-20.82	-27.77	-25.95	-9.56	29:56:14	28:35:11	27:17:35	31:39:20	-1.55	-2.90	-4.20	0.17	
Fluorouracile	Mol																		
	AK Scientific, Inc.	0.73	35.76	33.34	30.24	36.59	-5.91	-12.29	-20.44	-3.74	28:55:46	28:58:17	27:42:45	31:51:42	-2.56	-2.52	-3.78	0.37	
2'-C-methylcytidine	Mol																		
	Ark Phar, Inc.	0.73	32.38	31.50	34.42	36.75	-14.82	-17.12	-9.45	-3.33	30:04:02	31:56:57	31:51:26	33:33:39	-1.42	0.46	0.37	2.07	
Eflornithin (dfmo)	Mol																		
	Sigma	0.73	36.12	32.43	33.31	34.90	-4.99	-14.68	-12.37	-8.18	29:22:23	30:34:14	31:31:43	31:13:14	-2.12	-0.92	0.04	-0.27	
Pravastatin	Mol																		
	Sigma	0.73	31.27	33.45	36.29	32.66	-17.73	-11.99	-4.54	-14.09	29:58:56	29:52:34	30:38:38	31:06:08	-1.51	-1.61	-0.85	-0.39	
Fluvastatin	Mol																		
	Sigma	0.73	16.39	15.74	19.93	29.11	-56.89	-58.58	-47.57	-23.41	16:48:54	16:34:24	21:53:32	28:40:01	-14.67	-14.92	-9.60	-2.82	
Simvastatin	Mol																		
	Sigma	0.73	23.44	28.62	33.11	34.55	-38.34	-24.72	-12.89	-9.11	24:01:37	28:39:11	29:49:59	31:03:16	-7.46	-2.84	-1.66	-0.44	
Atorvastatin A3	Mol																		
	Sigma	0.73	15.15	21.30	30.83	36.62	-60.13	-43.97	-18.89	-3.67	16:19:45	22:17:20	29:43:25	31:49:47	-15.16	-9.20	-1.77	0.34	
untreated mock-infected cells	Mol																		
	A3	0.7	136.03 ± 11.19																
untreated infected cells	Mol																		
	A3	0.7	49.72 ± 1.34																
Brivudine	Mol																		
	MedChemExpress	0.73	53.56	53.58	54.40	50.35	10.10	10.15	12.32	1.68	32:17:37	33:47:56	33:09:00	31:41:08	-0.13	1.38	0.73	-0.74	
BAY 57-1293 A4	Mol																		
	MedChemExpress	0.61	100.32	62.45	50.45	50.31	133.13	33.49	1.94	1.57	130:02:14	42:46:56	30:20:20	32:00:42	297.61	10.36	-2.08	-0.41	
untreated cells	Mol																		
	A3	0.61	147.97 ± 5.78																

Table 3 (continued)

Compound name	Supplier	Z'-factor	AUC _n				%AUC _n				CIT ₅₀				ΔCIT ₅₀			
			50 μM	10 μM	2 μM	0.4 μM	50 μM	10 μM	2 μM	0.4 μM	50 μM	10 μM	2 μM	0.4 μM	50 μM	10 μM	2 μM	0.4 μM
Chloroquine	Sigma	0.61	55.41	43.43	40.23	43.76	0.40	-31.11	-39.53	-30.26	57:21:37	45:32:25	42:11:31	43:08:51	12.25	0.43	-2.92	-1.96
Hydroxychloroquine sulfate A5	MedChemExpress	0.66	60.03	49.60	42.39	49.96	12.55	-14.90	-33.85	-13.95	58:09:18	52:26:41	40:18:29	42:33:29	13.05	7.34	-65.58	-2.55
untreated mock-infected cells A5		0.66	149.38 ± 8.96				N.D.				N.D.				N.D.			
untreated infected cells A5		0.66	53.33 ± 7.05				N.D.				42:10:51				N.D.			
Aphidicolin	Santa Cruz Biotechnology	0.66	154.19	132.47	131.57	59.30	265.34	208.20	205.81	15.71	137:40:02	103:18:19	11:15:23	45:44:20	95.49	59.69	47.64	2.12
A6 untreated mock-infected cells		0.78	29.88 ± 4.16				N.D.				N.D.				N.D.			
A6 untreated infected cells		0.78	109.64 ± 4.03				N.D.				30:12:49				N.D.			
Brequinar	Adooq Bio-science	0.78	8.93	19.30	33.42	30.61	-55.11	-27.84	9.33	1.94	0:22:31	25:28:27	36:12:01	33:25:59	-29.84	-4.74	5.99	3.22
Ribavirin	MedChemExpress	0.78	94.17	51.39	25.11	31.45	169.13	56.60	-12.55	4.13	57:34:04	49:31:47	28:18:30	32:55:08	27.35	19.32	-1.91	2.71

$\%AUC_n = \frac{(AUC_n \text{ compound} - AUC_n \text{ untreated cells infected})}{AUC_n \text{ untreated cells infected}} \times 100$. The time required for the CI to decrease by 50% after virus infection was also determined (CIT₅₀; [4]), and compared with untreated cells infected with EHV-1 KyD strain ($\Delta CIT_{50} = CIT_{50} \text{ compound} - CIT_{50} \text{ untreated cells infected}$).

Declaration of Competing Interest

The authors declare that they have no known competing financial interests or personal relationships which have, or could be perceived to have, influenced the work reported in this article.

Acknowledgments

This work was supported by LABÉO, IFCE (Institut Français du Cheval et de l'Équitation, projects AMIE and SAVE), Fonds Eperon (projects N87–2014, N07–2015, N07–2016, N13–2017 and N62–2017), Région Normandie (CPER R25 P3) and CENTAURE European project co-funded by Normandy County Council, European Union in the framework of the ERDF-ESF operational programme 2014–2020. We thank Christophe Denoyelle and Emilie Brotin from ImpedanCELL, Normandie Univ, UNICAEN, Caen, France for interacting and for their technical assistance with RTCA technology. We also thank all collaborators of the SAVE project.

Supplementary Materials

Supplementary material associated with this article can be found in the online version at doi:[10.1016/j.dib.2020.106492](https://doi.org/10.1016/j.dib.2020.106492).

References

- [1] C. Thieulent, E.S. Hue, G. Sutton, C. Fortier, P. Dallemagne, S. Zientara, H. Munier-Lehmann, A. Hans, R. Paillot, P.-O. Vidalain, S. Pronost, Identification of antiviral compounds against equid herpesvirus-1 using real-time cell assay screening: efficacy of decitabine and valganciclovir alone or in combination, *Antiviral Research* 183 (2020) 104931, doi:[10.1016/j.antiviral.2020.104931](https://doi.org/10.1016/j.antiviral.2020.104931).
- [2] C.J. Thieulent, E.S. Hue, C.I. Fortier, P. Dallemagne, S. Zientara, H. Munier-Lehmann, A. Hans, G.D. Fortier, P.-H. Pitel, P.-O. Vidalain, S.L. Pronost, Screening and evaluation of antiviral compounds against Equid alpha-herpesviruses using an impedance-based cellular assay, *Virology* 526 (2019) 105–116, doi:[10.1016/j.virol.2018.10.013](https://doi.org/10.1016/j.virol.2018.10.013).
- [3] T. Pan, B. Huang, W. Zhang, S. Gabos, D.Y. Huang, V. Devendran, Cytotoxicity assessment based on the AUC50 using multi-concentration time-dependent cellular response curves, *Anal. Chim. Acta.* 764 (2013) 44–52, doi:[10.1016/j.aca.2012.12.047](https://doi.org/10.1016/j.aca.2012.12.047).
- [4] Y. Fang, P. Ye, X. Wang, X. Xu, W. Reisen, Real-time monitoring of flavivirus induced cytopathogenesis using cell electric impedance technology, *J. Virol. Methods.* 173 (2011) 251–258, doi:[10.1016/j.jviromet.2011.02.013](https://doi.org/10.1016/j.jviromet.2011.02.013).
- [5] J.-H. Zhang, T.D.Y. Chung, K.R. Oldenburg, A Simple Statistical Parameter for Use in Evaluation and Validation of High Throughput Screening Assays, *J. Biomol. Screen.* 4 (1999) 67–73, doi:[10.1177/108705719900400206](https://doi.org/10.1177/108705719900400206).
- [6] D. Tian, W. Zhang, J. He, Y. Liu, Z. Song, Z. Zhou, M. Zheng, Y. Hu, Novel, Real-Time Cell Analysis for Measuring Viral Cytopathogenesis and the Efficacy of Neutralizing Antibodies to the 2009 Influenza A (H1N1) Virus, *PLoS ONE* 7 (2012) e31965, doi:[10.1371/journal.pone.0031965](https://doi.org/10.1371/journal.pone.0031965).